

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110122\
 Data File : VY011238.D
 Acq On : 01 Nov 2022 22:52
 Operator : KP/MD
 Sample : VY1101SBSD02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1101SBSD02

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/02/2022
 Supervised By :Mahesh Dadoda 11/02/2022

Quant Time: Nov 02 01:45:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	230924	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	384662	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	357482	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	177332	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	125548	50.834	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.660%			
35) Dibromofluoromethane	7.710	113	126565	51.211	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.420%			
50) Toluene-d8	10.179	98	477217	49.733	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.460%			
62) 4-Bromofluorobenzene	12.477	95	171714	51.547	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.100%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	51408	25.823	ug/l	100
3) Chloromethane	2.113	50	55670	21.741	ug/l	97
4) Vinyl Chloride	2.247	62	60613	21.191	ug/l	100
5) Bromomethane	2.637	94	42250	22.141	ug/l	95
6) Chloroethane	2.784	64	38494	20.943	ug/l	99
7) Trichlorofluoromethane	3.119	101	87543	20.717	ug/l	93
8) Diethyl Ether	3.521	74	31381	20.696	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.893	101	52779	20.774	ug/l	93
10) Methyl Iodide	4.088	142	65926	20.158	ug/l	91
11) Tert butyl alcohol	4.936	59	43353	158.807	ug/l #	95
12) 1,1-Dichloroethene	3.863	96	52118	20.749	ug/l	81
13) Acrolein	3.723	56	17577	123.914	ug/l	99
14) Allyl chloride	4.472	41	76808	20.187	ug/l #	85
15) Acrylonitrile	5.155	53	81260	106.801	ug/l	97
16) Acetone	3.942	43	56676	76.022	ug/l #	80
17) Carbon Disulfide	4.186	76	167301	20.278	ug/l	100
18) Methyl Acetate	4.472	43	44157	22.372	ug/l #	86
19) Methyl tert-butyl Ether	5.216	73	137396	20.584	ug/l	97
20) Methylene Chloride	4.710	84	73449	21.193	ug/l	86
21) trans-1,2-Dichloroethene	5.216	96	59780	20.924	ug/l	90
22) Diisopropyl ether	6.112	45	167474	21.230	ug/l #	93
23) Vinyl Acetate	6.057	43	494008	102.599	ug/l #	90
24) 1,1-Dichloroethane	6.009	63	101825	20.611	ug/l	98
25) 2-Butanone	6.984	43	98481	93.883	ug/l #	86
26) 2,2-Dichloropropane	6.972	77	82749	18.318	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	65960	20.953	ug/l	87
28) Bromochloromethane	7.326	49	38377	20.223	ug/l #	83
29) Tetrahydrofuran	7.344	42	64864	106.217	ug/l #	83
30) Chloroform	7.502	83	104346	20.913	ug/l	98
31) Cyclohexane	7.783	56	90197	19.704	ug/l	88
32) 1,1,1-Trichloroethane	7.697	97	91201	20.608	ug/l	95
36) 1,1-Dichloropropene	7.911	75	79640	19.732	ug/l	97
37) Ethyl Acetate	7.069	43	43850	20.155	ug/l #	91
38) Carbon Tetrachloride	7.899	117	83204	19.871	ug/l	96
39) Methylcyclohexane	9.179	83	96577	19.669	ug/l	91
40) Benzene	8.155	78	242169	20.416	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110122\
 Data File : VY011238.D
 Acq On : 01 Nov 2022 22:52
 Operator : KP/MD
 Sample : VY1101SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1101SBS02

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/02/2022
 Supervised By :Mahesh Dadoda 11/02/2022

Quant Time: Nov 02 01:45:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	20353m	17.216	ug/l	
42) 1,2-Dichloroethane	8.234	62	66380	20.608	ug/l	91
43) Isopropyl Acetate	8.270	43	76970	20.080	ug/l #	87
44) Trichloroethene	8.935	130	63541	20.016	ug/l	98
45) 1,2-Dichloropropane	9.215	63	59800	20.392	ug/l	96
46) Dibromomethane	9.301	93	33994	20.516	ug/l	96
47) Bromodichloromethane	9.490	83	79697	20.291	ug/l	100
48) Methyl methacrylate	9.289	41	34370	19.521	ug/l #	76
49) 1,4-Dioxane	9.295	88	9533	427.672	ug/l #	84
51) 4-Methyl-2-Pentanone	10.069	43	212374	101.895	ug/l #	87
52) Toluene	10.240	92	151472	20.594	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	81862	19.790	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	94161	19.894	ug/l #	81
55) 1,1,2-Trichloroethane	10.642	97	48355	20.363	ug/l	100
56) Ethyl methacrylate	10.508	69	63179	20.141	ug/l #	76
57) 1,3-Dichloropropane	10.788	76	83048	20.431	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	152774	103.890	ug/l	96
59) 2-Hexanone	10.831	43	143250	96.270	ug/l	84
60) Dibromochloromethane	10.983	129	57931	20.532	ug/l	99
61) 1,2-Dibromoethane	11.087	107	46888	20.797	ug/l	99
64) Tetrachloroethene	10.715	164	61627	20.295	ug/l	98
65) Chlorobenzene	11.514	112	160388	20.336	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	59180	20.379	ug/l	98
67) Ethyl Benzene	11.587	91	279493	19.978	ug/l	98
68) m/p-Xylenes	11.703	106	218091	40.159	ug/l	96
69) o-Xylene	12.026	106	103986	20.427	ug/l	93
70) Styrene	12.038	104	175106	20.291	ug/l	96
71) Bromoform	12.203	173	36530	20.239	ug/l #	99
73) Isopropylbenzene	12.325	105	269067	20.294	ug/l	100
74) N-amyl acetate	12.142	43	66295	19.919	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.581	83	57694	21.028	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	40119m	18.583	ug/l	
77) Bromobenzene	12.605	156	64638	20.726	ug/l	98
78) n-propylbenzene	12.666	91	328987	20.278	ug/l	99
79) 2-Chlorotoluene	12.751	91	189266	20.361	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	231474	20.632	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	18975	18.810	ug/l #	85
82) 4-Chlorotoluene	12.849	91	197574	20.625	ug/l	100
83) tert-Butylbenzene	13.068	119	196524	20.329	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	230024	20.730	ug/l	99
85) sec-Butylbenzene	13.251	105	292597	20.414	ug/l	100
86) p-Isopropyltoluene	13.367	119	244558	20.471	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	128223	20.504	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	128009	20.410	ug/l	97
89) n-Butylbenzene	13.690	91	221846	19.886	ug/l	99
90) Hexachloroethane	13.958	117	48687	20.378	ug/l	89
91) 1,2-Dichlorobenzene	13.733	146	115706	20.714	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9731	20.704	ug/l	84
93) 1,2,4-Trichlorobenzene	15.001	180	66221	19.614	ug/l	99
94) Hexachlorobutadiene	15.111	225	39793	20.242	ug/l	98
95) Naphthalene	15.233	128	136429	19.880	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	59688	20.117	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110122\
 Data File : VY011238.D
 Acq On : 01 Nov 2022 22:52
 Operator : KP/MD
 Sample : VY1101SBSD02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_Y
ClientSampleId :
 VY1101SBSD02

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 11/02/2022
 Supervised By :Mahesh Dadoda 11/02/2022

Quant Time: Nov 02 01:45:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110122\
 Data File : VY011238.D
 Acq On : 01 Nov 2022 22:52
 Operator : KP/MD
 Sample : VY1101SBSD02
 Misc : 5.00g/5.0mL/MSVOA_Y/soil
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1101SBSD02

Quant Time: Nov 02 01:45:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 11/02/2022
 Supervised By :Mahesh Dadoda 11/02/2022

