

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092122\
 Data File : VY010594.D
 Acq On : 21 Sep 2022 12:50
 Operator : KP/MD
 Sample : VY0921SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0921SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/22/2022
 Supervised By :Mahesh Dadoda 09/22/2022

Quant Time: Sep 21 15:34:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	240209	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	384068	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	346148	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	169402	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	124551	54.211	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.420%			
35) Dibromofluoromethane	7.716	113	118111	48.186	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 96.380%			
50) Toluene-d8	10.179	98	471735	51.945	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.900%			
62) 4-Bromofluorobenzene	12.477	95	155091	45.910	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 91.820%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	29509	23.526	ug/l	100
3) Chloromethane	2.107	50	47334	26.830	ug/l	97
4) Vinyl Chloride	2.247	62	57373	25.188	ug/l	99
5) Bromomethane	2.637	94	37861	23.742	ug/l	99
6) Chloroethane	2.784	64	38251	22.605	ug/l	99
7) Trichlorofluoromethane	3.119	101	70200	22.241	ug/l	91
8) Diethyl Ether	3.527	74	22906	21.166	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.887	101	41264	21.723	ug/l	95
10) Methyl Iodide	4.082	142	46999	21.417	ug/l	92
11) Tert butyl alcohol	4.948	59	31942	150.941	ug/l #	95
12) 1,1-Dichloroethene	3.863	96	37000	21.813	ug/l	84
13) Acrolein	3.722	56	10843	101.452	ug/l	98
14) Allyl chloride	4.472	41	56839	22.227	ug/l #	94
15) Acrylonitrile	5.155	53	57894	103.072	ug/l	99
16) Acetone	3.942	43	48369	103.236	ug/l #	89
17) Carbon Disulfide	4.186	76	94752	26.469	ug/l	98
18) Methyl Acetate	4.472	43	32891	23.731	ug/l #	85
19) Methyl tert-butyl Ether	5.216	73	106398	20.120	ug/l	96
20) Methylene Chloride	4.704	84	58218	15.048	ug/l	86
21) trans-1,2-Dichloroethene	5.216	96	42095	22.053	ug/l	86
22) Diisopropyl ether	6.112	45	131105	21.719	ug/l #	96
23) Vinyl Acetate	6.057	43	373617	104.772	ug/l #	93
24) 1,1-Dichloroethane	6.009	63	79508	21.946	ug/l	99
25) 2-Butanone	6.978	43	75332	102.793	ug/l #	85
26) 2,2-Dichloropropane	6.972	77	73421	21.074	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	49954	21.007	ug/l	91
28) Bromochloromethane	7.332	49	20209	15.775	ug/l	85
29) Tetrahydrofuran	7.338	42	46180	102.596	ug/l #	85
30) Chloroform	7.502	83	84343	21.518	ug/l	99
31) Cyclohexane	7.777	56	66894	24.057	ug/l #	91
32) 1,1,1-Trichloroethane	7.697	97	74015	21.217	ug/l	97
36) 1,1-Dichloropropene	7.911	75	60271	22.069	ug/l	99
37) Ethyl Acetate	7.069	43	32554	20.637	ug/l #	94
38) Carbon Tetrachloride	7.892	117	66493	21.174	ug/l	96
39) Methylcyclohexane	9.179	83	69271	21.671	ug/l	91
40) Benzene	8.155	78	177529	21.805	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092122\
 Data File : VY010594.D
 Acq On : 21 Sep 2022 12:50
 Operator : KP/MD
 Sample : VY0921SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0921SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/22/2022
 Supervised By :Mahesh Dadoda 09/22/2022

Quant Time: Sep 21 15:34:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	18795m	23.360	ug/l	
42) 1,2-Dichloroethane	8.234	62	53860	21.483	ug/l	93
43) Isopropyl Acetate	8.270	43	58192	20.125	ug/l #	90
44) Trichloroethene	8.935	130	49246	21.129	ug/l	94
45) 1,2-Dichloropropane	9.215	63	44759	21.251	ug/l	97
46) Dibromomethane	9.301	93	25589	20.688	ug/l	97
47) Bromodichloromethane	9.496	83	63608	20.827	ug/l	98
48) Methyl methacrylate	9.289	41	25819	20.227	ug/l #	83
49) 1,4-Dioxane	9.295	88	6713	369.085	ug/l #	86
51) 4-Methyl-2-Pentanone	10.069	43	161445	98.893	ug/l	91
52) Toluene	10.240	92	113527	21.311	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	62464	20.227	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	71624	20.803	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	37305	20.505	ug/l	99
56) Ethyl methacrylate	10.508	69	45994	19.515	ug/l #	84
57) 1,3-Dichloropropane	10.788	76	61613	20.445	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	98572	88.303	ug/l	97
59) 2-Hexanone	10.831	43	108016	97.618	ug/l	87
60) Dibromochloromethane	10.983	129	45022	20.222	ug/l	99
61) 1,2-Dibromoethane	11.087	107	34704	20.375	ug/l	100
64) Tetrachloroethene	10.715	164	47300	20.456	ug/l	96
65) Chlorobenzene	11.514	112	124422	20.787	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	46456	19.922	ug/l	97
67) Ethyl Benzene	11.593	91	219296	20.864	ug/l	96
68) m/p-Xylenes	11.703	106	171302	42.071	ug/l	93
69) o-Xylene	12.026	106	80281	20.223	ug/l	93
70) Styrene	12.044	104	137260	20.353	ug/l	96
71) Bromoform	12.209	173	28320	19.558	ug/l #	97
73) Isopropylbenzene	12.331	105	217557	20.780	ug/l	99
74) N-amyl acetate	12.142	43	48428	19.075	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.581	83	42876	20.098	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	32475m	20.086	ug/l	
77) Bromobenzene	12.605	156	50984	20.467	ug/l	95
78) n-propylbenzene	12.672	91	262971	21.088	ug/l	99
79) 2-Chlorotoluene	12.757	91	145150	20.428	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	183579	20.753	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	13622	18.733	ug/l	90
82) 4-Chlorotoluene	12.855	91	150563	20.520	ug/l	97
83) tert-Butylbenzene	13.074	119	160412	20.276	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	184341	20.976	ug/l	99
85) sec-Butylbenzene	13.251	105	239203	20.645	ug/l	100
86) p-Isopropyltoluene	13.367	119	198366	20.487	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	102691	20.311	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	102745	20.532	ug/l	98
89) n-Butylbenzene	13.696	91	183714	20.669	ug/l	99
90) Hexachloroethane	13.958	117	39571	21.286	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	92198	20.471	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6724	18.888	ug/l	78
93) 1,2,4-Trichlorobenzene	15.007	180	54492	19.833	ug/l	99
94) Hexachlorobutadiene	15.111	225	33542	20.086	ug/l	98
95) Naphthalene	15.233	128	103857	18.760	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	45292	18.932	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092122\
Data File : VY010594.D
Acq On : 21 Sep 2022 12:50
Operator : KP/MD
Sample : VY0921SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0921SBSD01

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022

Quant Time: Sep 21 15:34:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 20 01:02:44 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\VY092122\
 Data File : VY010594.D
 Acq On : 21 Sep 2022 12:50
 Operator : KP/MD
 Sample : VY0921SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0921SBS01

Manual Integrations APPROVED

Reviewed By :Krupa Patel 09/22/2022
 Supervised By :Mahesh Dadoda 09/22/2022

Quant Time: Sep 21 15:34:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

