

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122722\
 Data File : VY012014.D
 Acq On : 27 Dec 2022 13:47
 Operator : KP/MD
 Sample : VY1227SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1227SBS02

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/28/2022
 Supervised By :Mahesh Dadoda 01/03/2023

Quant Time: Dec 28 00:38:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	187771	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	285309	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	256148	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	128323	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	95180	50.313	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.620%			
35) Dibromofluoromethane	7.716	113	90312	52.579	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.160%			
50) Toluene-d8	10.179	98	360942	51.793	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.580%			
62) 4-Bromofluorobenzene	12.483	95	123097	52.521	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.040%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	15800	12.497	ug/l	99
3) Chloromethane	2.113	50	18425	11.025	ug/l	100
4) Vinyl Chloride	2.253	62	22836	12.391	ug/l	95
5) Bromomethane	2.644	94	19349	14.757	ug/l	96
6) Chloroethane	2.790	64	17349	14.402	ug/l	93
7) Trichlorofluoromethane	3.125	101	54433	16.872	ug/l	99
8) Diethyl Ether	3.528	74	16146	16.220	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.906	101	30889	17.392	ug/l	97
10) Methyl Iodide	4.088	142	32879	13.380	ug/l	95
11) Tert butyl alcohol	4.954	59	13566	43.916	ug/l	97
12) 1,1-Dichloroethene	3.869	96	28070	15.801	ug/l	96
13) Acrolein	3.723	56	15682	88.679	ug/l	98
14) Allyl chloride	4.479	41	38766	14.818	ug/l #	90
15) Acrylonitrile	5.167	53	40163	86.734	ug/l	97
16) Acetone	3.942	43	36045	67.450	ug/l	95
17) Carbon Disulfide	4.192	76	56071	9.894	ug/l	100
18) Methyl Acetate	4.479	43	20919	16.003	ug/l	93
19) Methyl tert-butyl Ether	5.222	73	83025	18.214	ug/l	98
20) Methylene Chloride	4.716	84	43794	16.025	ug/l	91
21) trans-1,2-Dichloroethene	5.222	96	32328	16.015	ug/l	87
22) Diisopropyl ether	6.112	45	91083	17.677	ug/l	92
23) Vinyl Acetate	6.058	43	240625	81.170	ug/l	97
24) 1,1-Dichloroethane	6.015	63	58638	17.508	ug/l	99
25) 2-Butanone	6.984	43	47564	75.480	ug/l	94
26) 2,2-Dichloropropane	6.978	77	60327	18.407	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	39171	17.942	ug/l	97
28) Bromochloromethane	7.332	49	16765	18.241	ug/l	85
29) Tetrahydrofuran	7.350	42	27879	78.085	ug/l	91
30) Chloroform	7.509	83	68542	18.987	ug/l	99
31) Cyclohexane	7.783	56	45499	14.287	ug/l	94
32) 1,1,1-Trichloroethane	7.697	97	65256	19.005	ug/l	99
36) 1,1-Dichloropropene	7.917	75	45779	16.616	ug/l	98
37) Ethyl Acetate	7.076	43	20105	16.265	ug/l #	96
38) Carbon Tetrachloride	7.899	117	60791	19.105	ug/l	99
39) Methylcyclohexane	9.185	83	51253	15.460	ug/l	98
40) Benzene	8.161	78	138627	17.582	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122722\
 Data File : VY012014.D
 Acq On : 27 Dec 2022 13:47
 Operator : KP/MD
 Sample : VY1227SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1227SBS02

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/28/2022
 Supervised By :Mahesh Dadoda 01/03/2023

Quant Time: Dec 28 00:38:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	10588m	17.713	ug/l	
42) 1,2-Dichloroethane	8.234	62	42119	18.556	ug/l	98
43) Isopropyl Acetate	8.271	43	38636	17.114	ug/l	96
44) Trichloroethene	8.941	130	40337	18.150	ug/l	98
45) 1,2-Dichloropropane	9.216	63	32711	17.956	ug/l	94
46) Dibromomethane	9.301	93	18797	17.913	ug/l	99
47) Bromodichloromethane	9.496	83	51599	19.382	ug/l	98
48) Methyl methacrylate	9.289	41	16976	16.241	ug/l	91
49) 1,4-Dioxane	9.301	88	4458	355.822	ug/l	99
51) 4-Methyl-2-Pentanone	10.069	43	102949	85.522	ug/l	97
52) Toluene	10.246	92	94294	18.771	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	49982	18.580	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	56825	18.793	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	28410	19.078	ug/l	99
56) Ethyl methacrylate	10.508	69	34219	18.150	ug/l	97
57) 1,3-Dichloropropane	10.788	76	46371	18.660	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	67596	92.912	ug/l	93
59) 2-Hexanone	10.831	43	73290	82.758	ug/l	98
60) Dibromochloromethane	10.983	129	36780	19.607	ug/l	100
61) 1,2-Dibromoethane	11.087	107	24917	17.885	ug/l	98
64) Tetrachloroethene	10.715	164	42170	18.808	ug/l	98
65) Chlorobenzene	11.514	112	101941	19.167	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	40013	20.221	ug/l	98
67) Ethyl Benzene	11.593	91	184566	19.198	ug/l	100
68) m/p-Xylenes	11.703	106	144150	38.554	ug/l	100
69) o-Xylene	12.026	106	67982	19.542	ug/l	100
70) Styrene	12.044	104	116082	19.873	ug/l	99
71) Bromoform	12.209	173	23188	19.776	ug/l #	100
73) Isopropylbenzene	12.331	105	191910	20.154	ug/l	99
74) N-amyl acetate	12.142	43	34612	17.730	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	29744	18.724	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	28250m	17.692	ug/l	
77) Bromobenzene	12.611	156	44565	20.229	ug/l	93
78) n-propylbenzene	12.672	91	227908	19.911	ug/l	99
79) 2-Chlorotoluene	12.758	91	127631	19.837	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	167137	20.501	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	10688	18.330	ug/l	97
82) 4-Chlorotoluene	12.855	91	135199	20.309	ug/l	99
83) tert-Butylbenzene	13.075	119	145478	21.055	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	162047	20.204	ug/l	99
85) sec-Butylbenzene	13.251	105	212542	20.600	ug/l	99
86) p-Isopropyltoluene	13.367	119	180729	20.760	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	90436	20.412	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	87496	19.865	ug/l	99
89) n-Butylbenzene	13.696	91	160502	20.366	ug/l	99
90) Hexachloroethane	13.959	117	33330	20.065	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	77811	20.145	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5201	19.051	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	45328	19.950	ug/l	99
94) Hexachlorobutadiene	15.111	225	30819	20.992	ug/l	99
95) Naphthalene	15.239	128	78266	18.419	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	37700	19.625	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122722\
Data File : VY012014.D
Acq On : 27 Dec 2022 13:47
Operator : KP/MD
Sample : VY1227SBS02
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS02

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 12/28/2022
Supervised By :Mahesh Dadoda 01/03/2023

Quant Time: Dec 28 00:38:16 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 20 12:37:37 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\VY122722\
 Data File : VY012014.D
 Acq On : 27 Dec 2022 13:47
 Operator : KP/MD
 Sample : VY1227SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1227SBS02

Quant Time: Dec 28 00:38:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 12/28/2022
 Supervised By :Mahesh Dadoda 01/03/2023

