

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032024\
 Data File : VY017722.D
 Acq On : 20 Mar 2024 10:40
 Operator : SY/MD
 Sample : VY0320SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0320SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/21/2024
 Supervised By :Semsettin Yesilyurt 03/21/2024

Quant Time: Mar 21 03:12:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	134807	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	218597	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.502	117	186450	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	84144	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	53452	41.838	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery =	83.680%		
35) Dibromofluoromethane	7.728	113	63883	41.939	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	83.880%		
50) Toluene-d8	10.191	98	241884	45.417	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	90.840%		
62) 4-Bromofluorobenzene	12.495	95	72577	43.361	ug/l	0.01
Spiked Amount 50.000	Range 30 - 143		Recovery =	86.720%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	18168	18.270	ug/l	98
3) Chloromethane	2.119	50	33044	18.187	ug/l	100
4) Vinyl Chloride	2.253	62	45656	19.587	ug/l	99
5) Bromomethane	2.656	94	37865	19.934	ug/l	97
6) Chloroethane	2.802	64	30665	20.854	ug/l	98
7) Trichlorofluoromethane	3.137	101	44326	18.658	ug/l	96
8) Diethyl Ether	3.533	74	12209	17.522	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.905	101	28525	20.875	ug/l	98
10) Methyl Iodide	4.100	142	29059	18.949	ug/l	99
11) Tert butyl alcohol	4.960	59	8657	79.770	ug/l	98
12) 1,1-Dichloroethene	3.881	96	25946	20.374	ug/l	99
13) Acrolein	3.735	56	9341	65.233	ug/l	94
14) Allyl chloride	4.484	41	31179	20.263	ug/l	99
15) Acrylonitrile	5.173	53	25538	89.159	ug/l	95
16) Acetone	3.954	43	23860	96.286	ug/l #	85
17) Carbon Disulfide	4.210	76	72191	18.886	ug/l	98
18) Methyl Acetate	4.491	43	9366	15.579	ug/l	98
19) Methyl tert-butyl Ether	5.228	73	53087	17.885	ug/l	96
20) Methylene Chloride	4.728	84	31501	18.147	ug/l	99
21) trans-1,2-Dichloroethene	5.228	96	29445	19.748	ug/l	96
22) Diisopropyl ether	6.131	45	72734	20.484	ug/l	98
23) Vinyl Acetate	6.070	43	198429	93.782	ug/l	97
24) 1,1-Dichloroethane	6.033	63	50003	20.613	ug/l	96
25) 2-Butanone	6.996	43	32276	91.394	ug/l	92
26) 2,2-Dichloropropane	6.996	77	43137	21.150	ug/l	98
27) cis-1,2-Dichloroethene	7.002	96	32561	19.450	ug/l	96
28) Bromochloromethane	7.344	49	17062	17.859	ug/l	98
29) Tetrahydrofuran	7.362	42	17461	82.022	ug/l	97
30) Chloroform	7.514	83	52863	20.468	ug/l	100
31) Cyclohexane	7.795	56	43564	20.952	ug/l	98
32) 1,1,1-Trichloroethane	7.716	97	46083	20.552	ug/l	97
36) 1,1-Dichloropropene	7.929	75	41014	19.956	ug/l	99
37) Ethyl Acetate	7.082	43	13483	16.610	ug/l	98
38) Carbon Tetrachloride	7.911	117	39968	19.404	ug/l	99
39) Methylcyclohexane	9.197	83	47982	19.427	ug/l	95
40) Benzene	8.173	78	119058	19.507	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032024\
 Data File : VY017722.D
 Acq On : 20 Mar 2024 10:40
 Operator : SY/MD
 Sample : VY0320SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0320SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/21/2024
 Supervised By :Semsettin Yesilyurt 03/21/2024

Quant Time: Mar 21 03:12:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	6142m	15.078	ug/l	
42) 1,2-Dichloroethane	8.246	62	27436	18.424	ug/l	100
43) Isopropyl Acetate	8.283	43	23864	16.730	ug/l	96
44) Trichloroethene	8.947	130	33242	18.896	ug/l	98
45) 1,2-Dichloropropane	9.228	63	28352	19.525	ug/l	98
46) Dibromomethane	9.319	93	14687	17.673	ug/l	98
47) Bromodichloromethane	9.508	83	38669	19.164	ug/l	99
48) Methyl methacrylate	9.301	41	11098	16.809	ug/l	99
49) 1,4-Dioxane	9.307	88	2780	295.589	ug/l #	98
51) 4-Methyl-2-Pentanone	10.081	43	62632	78.784	ug/l	100
52) Toluene	10.258	92	74918	19.471	ug/l	100
53) t-1,3-Dichloropropene	10.477	75	33650	17.967	ug/l	97
54) cis-1,3-Dichloropropene	9.941	75	42521	18.685	ug/l	98
55) 1,1,2-Trichloroethane	10.654	97	20624	17.479	ug/l	95
56) Ethyl methacrylate	10.520	69	21384	16.521	ug/l	96
57) 1,3-Dichloropropane	10.800	76	34955	18.221	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.794	63	59864	87.923	ug/l	100
59) 2-Hexanone	10.843	43	44873	82.176	ug/l	99
60) Dibromochloromethane	10.996	129	24892	17.833	ug/l	99
61) 1,2-Dibromoethane	11.099	107	18614	17.119	ug/l	99
64) Tetrachloroethene	10.733	164	33093	18.492	ug/l	98
65) Chlorobenzene	11.526	112	76451	19.318	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	28690	19.351	ug/l	98
67) Ethyl Benzene	11.605	91	138841	20.004	ug/l	97
68) m/p-Xylenes	11.715	106	107560	39.439	ug/l	99
69) o-Xylene	12.044	106	49553	19.585	ug/l	97
70) Styrene	12.056	104	79885	19.021	ug/l	99
71) Bromoform	12.221	173	13969	17.002	ug/l #	98
73) Isopropylbenzene	12.343	105	130172	20.823	ug/l	99
74) N-amyl acetate	12.154	43	19382	17.579	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.593	83	20716	19.298	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	15298m	19.135	ug/l	
77) Bromobenzene	12.623	156	29500	19.486	ug/l	97
78) n-propylbenzene	12.684	91	161375	21.514	ug/l	100
79) 2-Chlorotoluene	12.770	91	87406	20.813	ug/l	100
80) 1,3,5-Trimethylbenzene	12.824	105	104759	20.917	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.392	75	6257	17.983	ug/l	97
82) 4-Chlorotoluene	12.867	91	89896	20.928	ug/l	100
83) tert-Butylbenzene	13.087	119	91425	20.788	ug/l	99
84) 1,2,4-Trimethylbenzene	13.135	105	101440	20.516	ug/l	99
85) sec-Butylbenzene	13.263	105	143537	21.347	ug/l	100
86) p-Isopropyltoluene	13.379	119	115925	21.061	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	59622	19.621	ug/l	100
88) 1,4-Dichlorobenzene	13.458	146	58617	19.842	ug/l	99
89) n-Butylbenzene	13.708	91	106387	21.185	ug/l	98
90) Hexachloroethane	13.971	117	23169	20.996	ug/l	98
91) 1,2-Dichlorobenzene	13.751	146	49368	19.207	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.367	75	2478	16.420	ug/l	93
93) 1,2,4-Trichlorobenzene	15.019	180	25404	18.712	ug/l	97
94) Hexachlorobutadiene	15.123	225	17219	20.542	ug/l	98
95) Naphthalene	15.251	128	37119	16.920	ug/l	100
96) 1,2,3-Trichlorobenzene	15.440	180	21282	18.273	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032024\
Data File : VY017722.D
Acq On : 20 Mar 2024 10:40
Operator : SY/MD
Sample : VY0320SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBSD01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/21/2024
Supervised By :Semsettin Yesilyurt 03/21/2024

Quant Time: Mar 21 03:12:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
Quant Title : SW846 8260
QLast Update : Sat Feb 24 04:41:20 2024
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\VY032024\
 Data File : VY017722.D
 Acq On : 20 Mar 2024 10:40
 Operator : SY/MD
 Sample : VY0320SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/soil
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0320SBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/21/2024
 Supervised By :Semsettin Yesilyurt 03/21/2024

Quant Time: Mar 21 03:12:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

