

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032524\
 Data File : VY017749.D
 Acq On : 25 Mar 2024 11:34
 Operator : SY/MD
 Sample : VY0325SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0325SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/26/2024
 Supervised By :Semsettin Yesilyurt 03/26/2024

Quant Time: Mar 26 03:33:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032224S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 04:03:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	179723	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.703	114	277735	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	242609	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	113792	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	82709	52.825	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.660%	
35) Dibromofluoromethane	7.728	113	92961	55.995	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.980%	
50) Toluene-d8	10.191	98	353816	55.685	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.360%	
62) 4-Bromofluorobenzene	12.495	95	107531	56.359	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 112.720%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	32950	21.236	ug/l	100
3) Chloromethane	2.119	50	40870	20.333	ug/l	93
4) Vinyl Chloride	2.253	62	50774	20.892	ug/l	100
5) Bromomethane	2.656	94	39849	21.000	ug/l	98
6) Chloroethane	2.802	64	33197	20.439	ug/l	97
7) Trichlorofluoromethane	3.131	101	57425	22.418	ug/l	98
8) Diethyl Ether	3.534	74	16736	19.817	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.899	101	37884	20.776	ug/l	98
10) Methyl Iodide	4.101	142	42479	19.057	ug/l	97
11) Tert butyl alcohol	4.960	59	10278	98.692	ug/l #	95
12) 1,1-Dichloroethene	3.881	96	35255	20.554	ug/l	99
13) Acrolein	3.735	56	13395	106.704	ug/l	99
14) Allyl chloride	4.491	41	44496	19.142	ug/l	98
15) Acrylonitrile	5.174	53	33703	96.337	ug/l	99
16) Acetone	3.954	43	26190	95.633	ug/l	90
17) Carbon Disulfide	4.204	76	104352	18.182	ug/l	99
18) Methyl Acetate	4.485	43	13042	18.915	ug/l	100
19) Methyl tert-butyl Ether	5.228	73	72855	19.700	ug/l	98
20) Methylene Chloride	4.729	84	43178	21.679	ug/l	98
21) trans-1,2-Dichloroethene	5.234	96	38794	19.840	ug/l	99
22) Diisopropyl ether	6.131	45	98669	19.495	ug/l	95
23) Vinyl Acetate	6.070	43	281341	94.642	ug/l	97
24) 1,1-Dichloroethane	6.027	63	65821	19.786	ug/l	96
25) 2-Butanone	6.996	43	39653	90.491	ug/l	91
26) 2,2-Dichloropropane	6.990	77	55778	19.725	ug/l	99
27) cis-1,2-Dichloroethene	7.002	96	44168	19.969	ug/l	98
28) Bromochloromethane	7.344	49	26444	20.504	ug/l	99
29) Tetrahydrofuran	7.356	42	25996	91.675	ug/l	93
30) Chloroform	7.521	83	68314	19.809	ug/l	98
31) Cyclohexane	7.795	56	56634	18.289	ug/l	96
32) 1,1,1-Trichloroethane	7.716	97	61415	20.448	ug/l	98
36) 1,1-Dichloropropene	7.929	75	51036	19.898	ug/l	98
37) Ethyl Acetate	7.088	43	19065	19.344	ug/l	98
38) Carbon Tetrachloride	7.911	117	54716	20.374	ug/l	98
39) Methylcyclohexane	9.197	83	64090	19.466	ug/l	99
40) Benzene	8.173	78	152890	19.914	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032524\
 Data File : VY017749.D
 Acq On : 25 Mar 2024 11:34
 Operator : SY/MD
 Sample : VY0325SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0325SBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/26/2024
 Supervised By :Semsettin Yesilyurt 03/26/2024

Quant Time: Mar 26 03:33:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032224S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 04:03:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	9070m	18.631	ug/l	
42) 1,2-Dichloroethane	8.252	62	36715	19.966	ug/l	99
43) Isopropyl Acetate	8.283	43	34054	17.930	ug/l	100
44) Trichloroethene	8.953	130	41834	20.832	ug/l	96
45) 1,2-Dichloropropane	9.228	63	34947	19.978	ug/l	97
46) Dibromomethane	9.319	93	20032	20.550	ug/l	98
47) Bromodichloromethane	9.508	83	50400	20.221	ug/l	92
48) Methyl methacrylate	9.307	41	15740	18.184	ug/l	95
49) 1,4-Dioxane	9.313	88	3746	394.948	ug/l #	86
51) 4-Methyl-2-Pentanone	10.081	43	90526	90.080	ug/l	97
52) Toluene	10.258	92	97034	20.453	ug/l	99
53) t-1,3-Dichloropropene	10.477	75	43782	20.085	ug/l	96
54) cis-1,3-Dichloropropene	9.941	75	53887	20.237	ug/l	95
55) 1,1,2-Trichloroethane	10.654	97	25887	20.760	ug/l	97
56) Ethyl methacrylate	10.520	69	30083	18.009	ug/l	93
57) 1,3-Dichloropropane	10.801	76	44636	20.781	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	79453	96.715	ug/l	100
59) 2-Hexanone	10.843	43	61739	90.065	ug/l	94
60) Dibromochloromethane	10.996	129	33906	20.328	ug/l	100
61) 1,2-Dibromoethane	11.099	107	23916	20.429	ug/l	99
64) Tetrachloroethene	10.734	164	47103	20.994	ug/l	97
65) Chlorobenzene	11.532	112	106937	20.477	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.605	131	35628	20.429	ug/l	97
67) Ethyl Benzene	11.605	91	181146	20.196	ug/l	99
68) m/p-Xylenes	11.715	106	141889	40.780	ug/l	100
69) o-Xylene	12.044	106	64387	20.269	ug/l	100
70) Styrene	12.056	104	107481	20.330	ug/l	99
71) Bromoform	12.221	173	19575	21.313	ug/l #	96
73) Isopropylbenzene	12.343	105	169658	19.745	ug/l	98
74) N-amyl acetate	12.154	43	29015	17.982	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.593	83	25754	19.466	ug/l	99
76) 1,2,3-Trichloropropane	12.648	75	19706m	18.753	ug/l	
77) Bromobenzene	12.623	156	40385	20.644	ug/l	95
78) n-propylbenzene	12.684	91	207208	19.921	ug/l	100
79) 2-Chlorotoluene	12.770	91	113287	19.861	ug/l	99
80) 1,3,5-Trimethylbenzene	12.825	105	136678	20.320	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.392	75	8752	19.246	ug/l	97
82) 4-Chlorotoluene	12.867	91	117585	20.092	ug/l	97
83) tert-Butylbenzene	13.087	119	124042	20.378	ug/l	98
84) 1,2,4-Trimethylbenzene	13.136	105	135534	20.554	ug/l	99
85) sec-Butylbenzene	13.264	105	185414	20.324	ug/l	100
86) p-Isopropyltoluene	13.379	119	153929	20.321	ug/l	98
87) 1,3-Dichlorobenzene	13.379	146	79859	20.145	ug/l	100
88) 1,4-Dichlorobenzene	13.459	146	78744	20.692	ug/l	99
89) n-Butylbenzene	13.709	91	139919	20.417	ug/l	98
90) Hexachloroethane	13.971	117	30741	19.901	ug/l	100
91) 1,2-Dichlorobenzene	13.751	146	67436	20.535	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	3495	19.960	ug/l	90
93) 1,2,4-Trichlorobenzene	15.019	180	35083	22.054	ug/l	98
94) Hexachlorobutadiene	15.123	225	22799	22.327	ug/l	98
95) Naphthalene	15.251	128	50401	18.848	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	28027	21.339	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032524\
Data File : VY017749.D
Acq On : 25 Mar 2024 11:34
Operator : SY/MD
Sample : VY0325SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBSD01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/26/2024
Supervised By :Semsettin Yesilyurt 03/26/2024

Quant Time: Mar 26 03:33:15 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032224S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 23 04:03:52 2024
Response via : Initial Calibration

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

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

