

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022224\
 Data File : VY017455.D
 Acq On : 22 Feb 2024 13:55
 Operator : SY/MD
 Sample : VY0222SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0222SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/23/2024
 Supervised By :Semsettin Yesilyurt 02/23/2024

Quant Time: Feb 23 00:29:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 20 06:16:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	175948	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	271054	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	235551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	107084	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	73835	49.122	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.240%		
35) Dibromofluoromethane	7.716	113	86463	54.494	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	108.980%		
50) Toluene-d8	10.185	98	331939	53.942	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	107.880%		
62) 4-Bromofluorobenzene	12.483	95	100700	49.099	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	98.200%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	26509	18.894	ug/l	95
3) Chloromethane	2.113	50	44422	15.514	ug/l	98
4) Vinyl Chloride	2.253	62	57773	15.497	ug/l	99
5) Bromomethane	2.643	94	46129	14.632	ug/l	99
6) Chloroethane	2.790	64	35426	14.917	ug/l	95
7) Trichlorofluoromethane	3.125	101	58558	18.315	ug/l	99
8) Diethyl Ether	3.527	74	15964	17.666	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.899	101	34704	18.779	ug/l	98
10) Methyl Iodide	4.094	142	36115	18.363	ug/l	98
11) Tert butyl alcohol	4.948	59	12421	106.278	ug/l #	88
12) 1,1-Dichloroethene	3.869	96	32006	18.426	ug/l	98
13) Acrolein	3.729	56	15420	98.594	ug/l	98
14) Allyl chloride	4.479	41	37338	17.735	ug/l	98
15) Acrylonitrile	5.167	53	31112	86.597	ug/l	99
16) Acetone	3.948	43	27324	83.937	ug/l	96
17) Carbon Disulfide	4.198	76	97898	17.740	ug/l	99
18) Methyl Acetate	4.472	43	11881	16.095	ug/l	95
19) Methyl tert-butyl Ether	5.216	73	67071	17.094	ug/l	97
20) Methylene Chloride	4.716	84	40824	16.329	ug/l	95
21) trans-1,2-Dichloroethene	5.216	96	36530	18.183	ug/l	99
22) Diisopropyl ether	6.118	45	85296	17.615	ug/l	94
23) Vinyl Acetate	6.064	43	239019	83.056	ug/l	99
24) 1,1-Dichloroethane	6.015	63	58340	17.771	ug/l	98
25) 2-Butanone	6.984	43	38046	83.262	ug/l	99
26) 2,2-Dichloropropane	6.978	77	50468	17.866	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	40448	18.127	ug/l	98
28) Bromochloromethane	7.338	49	24734	20.080	ug/l	94
29) Tetrahydrofuran	7.350	42	22087	82.225	ug/l	99
30) Chloroform	7.508	83	62397	18.005	ug/l	98
31) Cyclohexane	7.783	56	51014	17.144	ug/l	94
32) 1,1,1-Trichloroethane	7.704	97	54514	17.809	ug/l	99
36) 1,1-Dichloropropene	7.917	75	48521	18.310	ug/l	99
37) Ethyl Acetate	7.076	43	16589	17.192	ug/l	98
38) Carbon Tetrachloride	7.905	117	48787	18.492	ug/l	98
39) Methylcyclohexane	9.185	83	59526	18.351	ug/l	95
40) Benzene	8.161	78	144735	18.694	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022224\
 Data File : VY017455.D
 Acq On : 22 Feb 2024 13:55
 Operator : SY/MD
 Sample : VY0222SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0222SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/23/2024
 Supervised By :Semsettin Yesilyurt 02/23/2024

Quant Time: Feb 23 00:29:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 20 06:16:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	9117m	19.347	ug/l	
42) 1,2-Dichloroethane	8.240	62	33852	18.013	ug/l	98
43) Isopropyl Acetate	8.277	43	30134	17.282	ug/l	100
44) Trichloroethene	8.941	130	40489	19.293	ug/l	100
45) 1,2-Dichloropropane	9.215	63	33079	18.483	ug/l	98
46) Dibromomethane	9.307	93	18309	17.999	ug/l	97
47) Bromodichloromethane	9.496	83	45822	18.321	ug/l	95
48) Methyl methacrylate	9.295	41	13911	17.004	ug/l	97
49) 1,4-Dioxane	9.295	88	4086	384.048	ug/l #	93
51) 4-Methyl-2-Pentanone	10.069	43	81882	87.150	ug/l	100
52) Toluene	10.246	92	90085	18.638	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	40510	17.492	ug/l	95
54) cis-1,3-Dichloropropene	9.929	75	52275	18.398	ug/l	95
55) 1,1,2-Trichloroethane	10.648	97	25747	18.396	ug/l	94
56) Ethyl methacrylate	10.514	69	27505	18.127	ug/l	100
57) 1,3-Dichloropropane	10.794	76	42284	18.259	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	77394	92.546	ug/l	100
59) 2-Hexanone	10.831	43	56791	87.755	ug/l	99
60) Dibromochloromethane	10.983	129	31019	18.644	ug/l	99
61) 1,2-Dibromoethane	11.093	107	23716	18.112	ug/l	100
64) Tetrachloroethene	10.721	164	35845	19.015	ug/l	98
65) Chlorobenzene	11.520	112	95206	18.762	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.593	131	34422	18.216	ug/l	98
67) Ethyl Benzene	11.593	91	164079	18.079	ug/l	98
68) m/p-Xylenes	11.703	106	129648	36.339	ug/l	100
69) o-Xylene	12.032	106	59866	18.290	ug/l	97
70) Styrene	12.044	104	96823	18.011	ug/l	98
71) Bromoform	12.209	173	17609	17.910	ug/l #	99
73) Isopropylbenzene	12.331	105	157531	19.045	ug/l	99
74) N-amyl acetate	12.148	43	24151	16.769	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.587	83	27691	18.731	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	20843m	20.075	ug/l	
77) Bromobenzene	12.611	156	36448	18.788	ug/l	95
78) n-propylbenzene	12.672	91	190306	19.021	ug/l	99
79) 2-Chlorotoluene	12.758	91	104498	18.969	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	125856	19.023	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	8240	18.504	ug/l	93
82) 4-Chlorotoluene	12.855	91	107229	18.862	ug/l	98
83) tert-Butylbenzene	13.075	119	111109	19.232	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	122823	18.739	ug/l	99
85) sec-Butylbenzene	13.257	105	168302	18.967	ug/l	100
86) p-Isopropyltoluene	13.373	119	136745	18.710	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	72798	18.582	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	71328	18.856	ug/l	99
89) n-Butylbenzene	13.696	91	125184	18.833	ug/l	99
90) Hexachloroethane	13.965	117	27312	19.071	ug/l	98
91) 1,2-Dichlorobenzene	13.745	146	62297	18.892	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	3183	17.034	ug/l	98
93) 1,2,4-Trichlorobenzene	15.013	180	31230	18.112	ug/l	100
94) Hexachlorobutadiene	15.117	225	21002	20.027	ug/l	100
95) Naphthalene	15.239	128	48747	17.684	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	26829	18.508	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022224\
Data File : VY017455.D
Acq On : 22 Feb 2024 13:55
Operator : SY/MD
Sample : VY0222SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0222SBSD01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024

Quant Time: Feb 23 00:29:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021924S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 20 06:16:24 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\VY022224\
 Data File : VY017455.D
 Acq On : 22 Feb 2024 13:55
 Operator : SY/MD
 Sample : VY0222SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0222SBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/23/2024
 Supervised By :Semsettin Yesilyurt 02/23/2024

Quant Time: Feb 23 00:29:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 20 06:16:24 2024
 Response via : Initial Calibration

