

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022124\
 Data File : VY017450.D
 Acq On : 21 Feb 2024 20:00
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/22/2024
 Supervised By :Semsettin Yesilyurt 02/22/2024

Quant Time: Feb 22 03:43:15 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	7.801	168	160054	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	255210	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	231016	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	112308	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	60428	44.194	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	88.380%		
35) Dibromofluoromethane	7.728	113	69643	46.618	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.240%		
50) Toluene-d8	10.191	98	264932	45.726	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	91.460%		
62) 4-Bromofluorobenzene	12.489	95	83171	43.282	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	86.560%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	58674	45.973	ug/l	96
3) Chloromethane	2.119	50	101614	39.012	ug/l	95
4) Vinyl Chloride	2.253	62	126583	37.326	ug/l	99
5) Bromomethane	2.655	94	109164	43.397	ug/l	99
6) Chloroethane	2.796	64	81294	37.630	ug/l	100
7) Trichlorofluoromethane	3.131	101	129714	44.599	ug/l	96
8) Diethyl Ether	3.533	74	42688	51.929	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.899	101	76316	45.397	ug/l	97
10) Methyl Iodide	4.094	142	87267	48.779	ug/l	99
11) Tert butyl alcohol	4.960	59	24900	234.209	ug/l #	82
12) 1,1-Dichloroethene	3.881	96	75597	47.843	ug/l	98
13) Acrolein	3.734	56	35498	249.511	ug/l	100
14) Allyl chloride	4.490	41	92021	48.048	ug/l	96
15) Acrylonitrile	5.173	53	87357	267.295	ug/l	99
16) Acetone	3.948	43	70442	237.882	ug/l	96
17) Carbon Disulfide	4.198	76	238107	47.433	ug/l	98
18) Methyl Acetate	4.490	43	38259	56.976	ug/l	99
19) Methyl tert-butyl Ether	5.234	73	183762	51.486	ug/l	97
20) Methylene Chloride	4.722	84	91891	50.576	ug/l	97
21) trans-1,2-Dichloroethene	5.228	96	91069	49.831	ug/l	96
22) Diisopropyl ether	6.130	45	222171	50.437	ug/l	98
23) Vinyl Acetate	6.069	43	655821	250.519	ug/l	100
24) 1,1-Dichloroethane	6.027	63	144892	48.517	ug/l	99
25) 2-Butanone	6.996	43	104696	251.876	ug/l	100
26) 2,2-Dichloropropane	6.990	77	113334	44.104	ug/l	97
27) cis-1,2-Dichloroethene	6.996	96	104812	51.635	ug/l	95
28) Bromochloromethane	7.344	49	57079	50.941	ug/l	92
29) Tetrahydrofuran	7.356	42	65674	268.768	ug/l	98
30) Chloroform	7.514	83	158235	50.193	ug/l	96
31) Cyclohexane	7.795	56	117718	43.489	ug/l	98
32) 1,1,1-Trichloroethane	7.715	97	130055	46.707	ug/l	98
36) 1,1-Dichloropropene	7.929	75	116929	46.865	ug/l	100
37) Ethyl Acetate	7.088	43	46627	51.323	ug/l #	98
38) Carbon Tetrachloride	7.917	117	116709	46.982	ug/l	100
39) Methylcyclohexane	9.191	83	143341	46.934	ug/l	98
40) Benzene	8.173	78	360951	49.515	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022124\
 Data File : VY017450.D
 Acq On : 21 Feb 2024 20:00
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/22/2024
 Supervised By :Semsettin Yesilyurt 02/22/2024

Quant Time: Feb 22 03:43:15 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	7.325	41	23364m	52.660	ug/l	
42) 1,2-Dichloroethane	8.246	62	87421	49.405	ug/l	98
43) Isopropyl Acetate	8.282	43	83051	50.586	ug/l	99
44) Trichloroethene	8.953	130	99918	50.568	ug/l	99
45) 1,2-Dichloropropane	9.227	63	84460	50.122	ug/l	98
46) Dibromomethane	9.313	93	49281	51.454	ug/l	96
47) Bromodichloromethane	9.508	83	119840	50.890	ug/l	95
48) Methyl methacrylate	9.301	41	39784	51.648	ug/l	95
49) 1,4-Dioxane	9.307	88	11079	1105.976	ug/l #	92
51) 4-Methyl-2-Pentanone	10.081	43	235999	266.777	ug/l	99
52) Toluene	10.252	92	228351	50.177	ug/l	100
53) t-1,3-Dichloropropene	10.477	75	111858	51.299	ug/l	97
54) cis-1,3-Dichloropropene	9.941	75	135083	50.495	ug/l	96
55) 1,1,2-Trichloroethane	10.654	97	70007	53.124	ug/l	97
56) Ethyl methacrylate	10.520	69	82539	49.666	ug/l	98
57) 1,3-Dichloropropane	10.800	76	113906	52.240	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.794	63	194590	247.131	ug/l	98
59) 2-Hexanone	10.843	43	161519	265.079	ug/l	97
60) Dibromochloromethane	10.995	129	84811	54.140	ug/l	99
61) 1,2-Dibromoethane	11.099	107	65891	53.444	ug/l	99
64) Tetrachloroethene	10.727	164	95012	51.390	ug/l	97
65) Chlorobenzene	11.526	112	245558	49.341	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.599	131	92618	49.975	ug/l	99
67) Ethyl Benzene	11.605	91	434696	48.837	ug/l	98
68) m/p-Xylenes	11.715	106	346382	98.993	ug/l	98
69) o-Xylene	12.038	106	162643	50.667	ug/l	97
70) Styrene	12.050	104	271972	51.585	ug/l	98
71) Bromoform	12.221	173	52702	54.656	ug/l #	97
73) Isopropylbenzene	12.337	105	412487	47.548	ug/l	99
74) N-amyl acetate	12.154	43	72072	47.714	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.593	83	76917	49.609	ug/l	99
76) 1,2,3-Trichloropropane	12.641	75	48285m	44.342	ug/l	
77) Bromobenzene	12.617	156	101088	49.685	ug/l	95
78) n-propylbenzene	12.678	91	496992	47.364	ug/l	99
79) 2-Chlorotoluene	12.763	91	274024	47.428	ug/l	98
80) 1,3,5-Trimethylbenzene	12.818	105	335090	48.292	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.385	75	22682	48.565	ug/l	97
82) 4-Chlorotoluene	12.861	91	281268	47.175	ug/l	97
83) tert-Butylbenzene	13.086	119	297634	49.121	ug/l	97
84) 1,2,4-Trimethylbenzene	13.129	105	334897	48.718	ug/l	99
85) sec-Butylbenzene	13.263	105	440997	47.386	ug/l	99
86) p-Isopropyltoluene	13.379	119	364372	47.536	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	200452	48.786	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	195197	49.201	ug/l	98
89) n-Butylbenzene	13.702	91	327575	46.988	ug/l	99
90) Hexachloroethane	13.970	117	70977	47.256	ug/l	95
91) 1,2-Dichlorobenzene	13.745	146	171025	49.451	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	9221	47.052	ug/l	92
93) 1,2,4-Trichlorobenzene	15.013	180	93054	51.458	ug/l	98
94) Hexachlorobutadiene	15.123	225	52712	47.927	ug/l	98
95) Naphthalene	15.245	128	159240	47.595	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	77858	51.213	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022124\
Data File : VY017450.D
Acq On : 21 Feb 2024 20:00
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024

Quant Time: Feb 22 03:43:15 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

