

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053024\
 Data File : VY018404.D
 Acq On : 30 May 2024 10:24
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/31/2024
 Supervised By :Semsettin Yesilyurt 05/31/2024

Quant Time: May 31 00:57:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 23 01:40:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	110503	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	200869	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	177379	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	79205	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	56698	54.157	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.320%			
35) Dibromofluoromethane	7.710	113	58649	50.069	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.140%			
50) Toluene-d8	10.179	98	233973	51.232	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.460%			
62) 4-Bromofluorobenzene	12.483	95	72647	51.481	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 102.960%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	41727	44.242	ug/l	96
3) Chloromethane	2.107	50	73819	48.162	ug/l	99
4) Vinyl Chloride	2.247	62	90285	52.654	ug/l	96
5) Bromomethane	2.643	94	59670	48.673	ug/l	98
6) Chloroethane	2.784	64	59827	53.750	ug/l	98
7) Trichlorofluoromethane	3.119	101	95876	49.824	ug/l	98
8) Diethyl Ether	3.521	74	30652	49.886	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.893	101	57560	48.486	ug/l	94
10) Methyl Iodide	4.082	142	62303	52.185	ug/l	95
11) Tert butyl alcohol	4.942	59	22006	224.003	ug/l	# 86
12) 1,1-Dichloroethene	3.863	96	58955	50.423	ug/l	99
13) Acrolein	3.716	56	21439	247.728	ug/l	97
14) Allyl chloride	4.466	41	86651	53.064	ug/l	94
15) Acrylonitrile	5.149	53	67855	255.323	ug/l	99
16) Acetone	3.936	43	60671	281.762	ug/l	90
17) Carbon Disulfide	4.186	76	170417	52.194	ug/l	97
18) Methyl Acetate	4.460	43	27991	49.044	ug/l	92
19) Methyl tert-butyl Ether	5.204	73	141451	50.453	ug/l	99
20) Methylene Chloride	4.704	84	65462	53.099	ug/l	94
21) trans-1,2-Dichloroethene	5.210	96	64496	52.290	ug/l	96
22) Diisopropyl ether	6.106	45	191861	56.539	ug/l	94
23) Vinyl Acetate	6.051	43	598658	275.515	ug/l	94
24) 1,1-Dichloroethane	6.009	63	113363	54.473	ug/l	98
25) 2-Butanone	6.978	43	90697	265.796	ug/l	92
26) 2,2-Dichloropropane	6.978	77	94149	52.334	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	75273	51.934	ug/l	93
28) Bromochloromethane	7.326	49	48325	68.371	ug/l	84
29) Tetrahydrofuran	7.338	42	58088	258.631	ug/l	87
30) Chloroform	7.496	83	114329	53.899	ug/l	96
31) Cyclohexane	7.777	56	101875	55.529	ug/l	94
32) 1,1,1-Trichloroethane	7.697	97	97423	52.327	ug/l	96
36) 1,1-Dichloropropene	7.911	75	84094	49.504	ug/l	98
37) Ethyl Acetate	7.063	43	39039	48.040	ug/l	96
38) Carbon Tetrachloride	7.899	117	82286	47.294	ug/l	97
39) Methylcyclohexane	9.179	83	112941	47.660	ug/l	93
40) Benzene	8.155	78	267945	51.741	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053024\
 Data File : VY018404.D
 Acq On : 30 May 2024 10:24
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/31/2024
 Supervised By :Semsettin Yesilyurt 05/31/2024

Quant Time: May 31 00:57:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 23 01:40:36 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	18365m	45.274	ug/l	
42) 1,2-Dichloroethane	8.228	62	63135	50.684	ug/l	97
43) Isopropyl Acetate	8.264	43	78376	49.431	ug/l	91
44) Trichloroethene	8.935	130	62737	47.263	ug/l	89
45) 1,2-Dichloropropane	9.209	63	61078	52.440	ug/l	100
46) Dibromomethane	9.301	93	33823	49.489	ug/l	92
47) Bromodichloromethane	9.496	83	85070	51.290	ug/l	99
48) Methyl methacrylate	9.289	41	35033	48.846	ug/l	91
49) 1,4-Dioxane	9.295	88	8268	932.420	ug/l #	92
51) 4-Methyl-2-Pentanone	10.069	43	198144	247.616	ug/l	93
52) Toluene	10.240	92	168117	51.788	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	79029	52.116	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	96801	52.097	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	45835	50.622	ug/l	92
56) Ethyl methacrylate	10.508	69	64142	51.647	ug/l #	86
57) 1,3-Dichloropropane	10.788	76	80016	52.140	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	140000	249.475	ug/l	96
59) 2-Hexanone	10.831	43	141701	257.349	ug/l	91
60) Dibromochloromethane	10.983	129	53895	49.281	ug/l	99
61) 1,2-Dibromoethane	11.087	107	42920	51.374	ug/l	97
64) Tetrachloroethene	10.715	164	57001	45.301	ug/l	96
65) Chlorobenzene	11.514	112	176641	48.208	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.587	131	57027	49.196	ug/l	99
67) Ethyl Benzene	11.593	91	324828	50.479	ug/l	96
68) m/p-Xylenes	11.703	106	246338	99.493	ug/l	99
69) o-Xylene	12.026	106	116697	49.944	ug/l	100
70) Styrene	12.044	104	195022	50.492	ug/l	99
71) Bromoform	12.209	173	28955	47.225	ug/l #	98
73) Isopropylbenzene	12.325	105	303889	48.815	ug/l	100
74) N-amyl acetate	12.142	43	67241	46.296	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	50702	47.798	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	34427m	48.361	ug/l	
77) Bromobenzene	12.605	156	64559	47.349	ug/l	94
78) n-propylbenzene	12.672	91	357340	47.939	ug/l	99
79) 2-Chlorotoluene	12.757	91	194427	48.179	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	236959	48.438	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	16146	46.666	ug/l	96
82) 4-Chlorotoluene	12.855	91	192660	47.086	ug/l	98
83) tert-Butylbenzene	13.075	119	217418	48.080	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	230086	47.824	ug/l	100
85) sec-Butylbenzene	13.251	105	316069	47.260	ug/l	99
86) p-Isopropyltoluene	13.367	119	261931	47.882	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	132474	49.341	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	127308	47.640	ug/l	98
89) n-Butylbenzene	13.696	91	242103	47.095	ug/l	99
90) Hexachloroethane	13.958	117	48553	48.063	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	112867	48.446	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6148	42.257	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	61185	46.107	ug/l	96
94) Hexachlorobutadiene	15.111	225	30405	44.772	ug/l	97
95) Naphthalene	15.233	128	116790	44.756	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	49029	43.457	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053024\
Data File : VY018404.D
Acq On : 30 May 2024 10:24
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/31/2024
Supervised By :Semsettin Yesilyurt 05/31/2024

Quant Time: May 31 00:57:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
Quant Title : SW846 8260
QLast Update : Thu May 23 01:40:36 2024
Response via : Initial Calibration

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

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

