

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082924\
 Data File : VY019388.D
 Acq On : 29 Aug 2024 22:56
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/30/2024
 Supervised By :Semsettin Yesilyurt 08/30/2024

Quant Time: Aug 30 04:52:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082924S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 02:45:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	99002	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	165035	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	117275	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	58631	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	57645	61.473	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 122.940%			
35) Dibromofluoromethane	7.628	113	55916	53.590	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.180%			
50) Toluene-d8	10.103	98	198062	51.565	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.140%			
62) 4-Bromofluorobenzene	12.408	95	57955	46.650	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 93.300%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	35907	44.511	ug/l	100
3) Chloromethane	2.062	50	69795	53.181	ug/l	98
4) Vinyl Chloride	2.202	62	80707	53.597	ug/l	100
5) Bromomethane	2.592	94	62164	65.585	ug/l	92
6) Chloroethane	2.732	64	52515	57.263	ug/l	99
7) Trichlorofluoromethane	3.050	101	94493	53.013	ug/l	99
8) Diethyl Ether	3.446	74	30070	71.429	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.805	101	55536	54.884	ug/l	95
10) Methyl Iodide	3.994	142	64641	65.536	ug/l	93
11) Tert butyl alcohol	4.860	59	19597	370.805	ug/l #	98
12) 1,1-Dichloroethene	3.781	96	54993	59.592	ug/l	93
13) Acrolein	3.653	56	9528	154.591	ug/l	96
14) Allyl chloride	4.372	41	79571	62.453	ug/l	92
15) Acrylonitrile	5.049	53	66958	389.335	ug/l	97
16) Acetone	3.866	43	48020	260.356	ug/l #	84
17) Carbon Disulfide	4.098	76	144533	54.251	ug/l	100
18) Methyl Acetate	4.379	43	39249	96.393	ug/l	92
19) Methyl tert-butyl Ether	5.104	73	147856	70.277	ug/l	99
20) Methylene Chloride	4.604	84	65994	67.834	ug/l	91
21) trans-1,2-Dichloroethene	5.104	96	61279	58.301	ug/l	94
22) Diisopropyl ether	6.012	45	187296	65.341	ug/l	93
23) Vinyl Acetate	5.951	43	710001	445.027	ug/l	95
24) 1,1-Dichloroethane	5.909	63	108585	62.684	ug/l	98
25) 2-Butanone	6.890	43	82844	335.800	ug/l	90
26) 2,2-Dichloropropane	6.872	77	76937	50.992	ug/l	99
27) cis-1,2-Dichloroethene	6.878	96	74765	62.123	ug/l	99
28) Bromochloromethane	7.238	49	49947	70.179	ug/l	92
29) Tetrahydrofuran	7.256	42	56982	384.408	ug/l	90
30) Chloroform	7.415	83	124772	64.343	ug/l	99
31) Cyclohexane	7.695	56	81199	50.919	ug/l	97
32) 1,1,1-Trichloroethane	7.610	97	108591	60.341	ug/l	98
36) 1,1-Dichloropropene	7.829	75	80200	54.390	ug/l	100
37) Ethyl Acetate	6.976	43	39414	67.528	ug/l	97
38) Carbon Tetrachloride	7.811	117	97463	54.232	ug/l	99
39) Methylcyclohexane	9.103	83	96592	51.084	ug/l	95
40) Benzene	8.073	78	258764	57.664	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082924\
 Data File : VY019388.D
 Acq On : 29 Aug 2024 22:56
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/30/2024
 Supervised By :Semsettin Yesilyurt 08/30/2024

Quant Time: Aug 30 04:52:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082924S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 02:45:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	23637	67.154	ug/l #	83
42) 1,2-Dichloroethane	8.152	62	73479	61.701	ug/l	96
43) Isopropyl Acetate	8.195	43	77980	68.460	ug/l #	83
44) Trichloroethene	8.859	130	69718	56.567	ug/l	99
45) 1,2-Dichloropropane	9.140	63	58729	60.385	ug/l	98
46) Dibromomethane	9.231	93	37170	63.535	ug/l	98
47) Bromodichloromethane	9.420	83	95880	62.056	ug/l	99
48) Methyl methacrylate	9.219	41	37720	70.043	ug/l	85
49) 1,4-Dioxane	9.225	88	8349	1302.594	ug/l #	96
51) 4-Methyl-2-Pentanone	9.999	43	215936	362.026	ug/l	90
52) Toluene	10.170	92	166776	56.690	ug/l	97
53) t-1,3-Dichloropropene	10.396	75	75746	59.355	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	89017	58.910	ug/l #	88
55) 1,1,2-Trichloroethane	10.573	97	48033	64.364	ug/l	95
56) Ethyl methacrylate	10.438	69	67429	69.552	ug/l #	83
57) 1,3-Dichloropropane	10.713	76	80228	65.808	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.707	63	147527	339.430	ug/l	98
59) 2-Hexanone	10.762	43	146783	371.097	ug/l	90
60) Dibromochloromethane	10.908	129	67419	66.263	ug/l	100
61) 1,2-Dibromoethane	11.012	107	39484	57.429	ug/l	98
64) Tetrachloroethene	10.646	164	76102	66.440	ug/l	97
65) Chlorobenzene	11.444	112	151040	57.566	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.511	131	53687	59.009	ug/l	95
67) Ethyl Benzene	11.518	91	250010	54.501	ug/l	95
68) m/p-Xylenes	11.627	106	197019	108.551	ug/l	98
69) o-Xylene	11.950	106	96573	57.125	ug/l	98
70) Styrene	11.969	104	164097	59.320	ug/l	99
71) Bromoform	12.133	173	33124	68.494	ug/l #	99
73) Isopropylbenzene	12.255	105	263360	56.333	ug/l	99
74) N-amyl acetate	12.072	43	55702	61.962	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.505	83	45060	64.852	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	32845m	63.789	ug/l	
77) Bromobenzene	12.530	156	62341	56.597	ug/l	95
78) n-propylbenzene	12.597	91	271968	48.147	ug/l	99
79) 2-Chlorotoluene	12.682	91	152416	48.432	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	184011	49.956	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	12556	60.331	ug/l	96
82) 4-Chlorotoluene	12.773	91	159523	50.109	ug/l	96
83) tert-Butylbenzene	12.999	119	176164	52.291	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	190304	53.813	ug/l	99
85) sec-Butylbenzene	13.176	105	256419	51.934	ug/l	100
86) p-Isopropyltoluene	13.292	119	210746	52.400	ug/l	98
87) 1,3-Dichlorobenzene	13.285	146	113583	56.053	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	108720	53.773	ug/l	98
89) n-Butylbenzene	13.615	91	191284	51.763	ug/l	98
90) Hexachloroethane	13.877	117	43845	53.777	ug/l	94
91) 1,2-Dichlorobenzene	13.657	146	97802	54.685	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	8470	86.871	ug/l	91
93) 1,2,4-Trichlorobenzene	14.919	180	68843	74.917	ug/l	99
94) Hexachlorobutadiene	15.023	225	37103	56.093	ug/l	98
95) Naphthalene	15.139	128	132795	88.257	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	59482	75.655	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082924\
Data File : VY019388.D
Acq On : 29 Aug 2024 22:56
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/30/2024
Supervised By :Semsettin Yesilyurt 08/30/2024

Quant Time: Aug 30 04:52:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082924S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 30 02:45:30 2024
Response via : Initial Calibration

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

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

