

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110824\
 Data File : VY020237.D
 Acq On : 08 Nov 2024 18:12
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/11/2024
 Supervised By :Semsettin Yesilyurt 11/11/2024

Quant Time: Nov 08 22:21:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	234482	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	445543	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	399136	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	192627	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	182674	62.421	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	124.840%	
35) Dibromofluoromethane	7.634	113	163708	57.791	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	115.580%	
50) Toluene-d8	10.109	98	636122	56.415	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	112.840%	
62) 4-Bromofluorobenzene	12.408	95	218937	59.778	ug/l	0.00
Spiked Amount 50.000	Range 29	- 146	Recovery	=	119.560%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	88052	40.566	ug/l	98
3) Chloromethane	2.068	50	206617	57.468	ug/l	99
4) Vinyl Chloride	2.202	62	216204	56.016	ug/l	98
5) Bromomethane	2.598	94	151084	58.959	ug/l	99
6) Chloroethane	2.739	64	148156	59.478	ug/l	94
7) Trichlorofluoromethane	3.062	101	254575	53.992	ug/l	99
8) Diethyl Ether	3.458	74	82155	62.471	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.818	101	135803	51.350	ug/l	90
10) Methyl Iodide	4.007	142	159482	62.461	ug/l #	89
11) Tert butyl alcohol	4.872	59	50294	238.922	ug/l #	94
12) 1,1-Dichloroethene	3.793	96	137805	54.461	ug/l #	79
13) Acrolein	3.659	56	36280	138.450	ug/l	95
14) Allyl chloride	4.385	41	258426	56.607	ug/l #	89
15) Acrylonitrile	5.061	53	186366	311.324	ug/l	98
16) Acetone	3.872	43	152641	224.284	ug/l #	81
17) Carbon Disulfide	4.110	76	437520	51.958	ug/l	98
18) Methyl Acetate	4.391	43	112578	70.502	ug/l #	87
19) Methyl tert-butyl Ether	5.122	73	415882	65.330	ug/l	98
20) Methylene Chloride	4.622	84	165154	54.020	ug/l #	80
21) trans-1,2-Dichloroethene	5.116	96	166754	58.435	ug/l	86
22) Diisopropyl ether	6.025	45	601012	63.440	ug/l	93
23) Vinyl Acetate	5.964	43	1546608	290.087	ug/l #	93
24) 1,1-Dichloroethane	5.921	63	330552	60.258	ug/l	96
25) 2-Butanone	6.896	43	254350	275.706	ug/l #	84
26) 2,2-Dichloropropane	6.884	77	222165	48.675	ug/l	96
27) cis-1,2-Dichloroethene	6.890	96	200709	61.184	ug/l	84
28) Bromochloromethane	7.250	49	143567	55.892	ug/l #	73
29) Tetrahydrofuran	7.262	42	164392	308.775	ug/l #	83
30) Chloroform	7.421	83	343435	63.090	ug/l	99
31) Cyclohexane	7.707	56	256266	48.254	ug/l	89
32) 1,1,1-Trichloroethane	7.622	97	285810	60.138	ug/l	95
36) 1,1-Dichloropropene	7.835	75	231010	52.791	ug/l	95
37) Ethyl Acetate	6.988	43	115931	55.568	ug/l	96
38) Carbon Tetrachloride	7.823	117	233349	53.029	ug/l	100
39) Methylcyclohexane	9.109	83	264766	47.673	ug/l #	89
40) Benzene	8.079	78	730730	57.211	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110824\
 Data File : VY020237.D
 Acq On : 08 Nov 2024 18:12
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 08 22:21:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/11/2024
 Supervised By :Semsettin Yesilyurt 11/11/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	66010	63.161	ug/l #	87
42) 1,2-Dichloroethane	8.158	62	213300	60.331	ug/l	94
43) Isopropyl Acetate	8.201	43	234646	58.487	ug/l #	77
44) Trichloroethene	8.865	130	163282	55.157	ug/l	83
45) 1,2-Dichloropropane	9.140	63	178739	58.490	ug/l	100
46) Dibromomethane	9.231	93	98123	59.260	ug/l	89
47) Bromodichloromethane	9.420	83	259601	59.846	ug/l #	99
48) Methyl methacrylate	9.219	41	108495	58.384	ug/l #	81
49) 1,4-Dioxane	9.237	88	20343	1193.318	ug/l #	83
51) 4-Methyl-2-Pentanone	9.999	43	620031	299.937	ug/l	89
52) Toluene	10.170	92	459344	58.342	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	223107	58.245	ug/l	96
54) cis-1,3-Dichloropropene	9.859	75	261938	57.292	ug/l #	85
55) 1,1,2-Trichloroethane	10.572	97	124697	60.569	ug/l	93
56) Ethyl methacrylate	10.438	69	185727	62.890	ug/l #	76
57) 1,3-Dichloropropane	10.719	76	225723	59.871	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	398450	273.581	ug/l	93
59) 2-Hexanone	10.761	43	412487	278.326	ug/l	88
60) Dibromochloromethane	10.914	129	162715	62.003	ug/l	99
61) 1,2-Dibromoethane	11.018	107	116388	60.849	ug/l	98
64) Tetrachloroethene	10.646	164	160850	61.035	ug/l	93
65) Chlorobenzene	11.444	112	485550	57.092	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	160822	59.187	ug/l	99
67) Ethyl Benzene	11.517	91	890569	56.018	ug/l	99
68) m/p-Xylenes	11.627	106	657060	112.965	ug/l	92
69) o-Xylene	11.956	106	311875	56.634	ug/l	90
70) Styrene	11.969	104	543394	59.680	ug/l	95
71) Bromoform	12.133	173	86128	61.787	ug/l #	95
73) Isopropylbenzene	12.255	105	818710	53.204	ug/l	98
74) N-ethyl acetate	12.072	43	212275	55.185	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.505	83	147145	54.676	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	116043m	64.266	ug/l	
77) Bromobenzene	12.529	156	174593	56.102	ug/l	83
78) n-propylbenzene	12.597	91	996868	52.052	ug/l	97
79) 2-Chlorotoluene	12.682	91	577058	54.283	ug/l	94
80) 1,3,5-Trimethylbenzene	12.737	105	663443	53.703	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	42389	50.495	ug/l #	83
82) 4-Chlorotoluene	12.779	91	599420	55.302	ug/l	95
83) tert-Butylbenzene	12.999	119	571029	52.860	ug/l	94
84) 1,2,4-Trimethylbenzene	13.042	105	656271	53.633	ug/l	96
85) sec-Butylbenzene	13.176	105	857054	51.680	ug/l	97
86) p-Isopropyltoluene	13.291	119	686032	51.550	ug/l	96
87) 1,3-Dichlorobenzene	13.285	146	345249	54.609	ug/l	97
88) 1,4-Dichlorobenzene	13.371	146	339958	53.996	ug/l	96
89) n-Butylbenzene	13.621	91	662204	49.639	ug/l	98
90) Hexachloroethane	13.883	117	136729	51.951	ug/l	85
91) 1,2-Dichlorobenzene	13.657	146	300523	54.687	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.279	75	22112	54.178	ug/l	74
93) 1,2,4-Trichlorobenzene	14.925	180	150629	51.025	ug/l	98
94) Hexachlorobutadiene	15.023	225	78130	48.400	ug/l	99
95) Naphthalene	15.145	128	310438	56.256	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	126804	50.602	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110824\
Data File : VY020237.D
Acq On : 08 Nov 2024 18:12
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 11/11/2024
Supervised By :Semsettin Yesilyurt 11/11/2024

Quant Time: Nov 08 22:21:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 15:23:13 2024
Response via : Initial Calibration

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

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

