

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101724\
 Data File : VY019922.D
 Acq On : 17 Oct 2024 10:34
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 18 01:36:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/18/2024
 Supervised By :Semsettin Yesilyurt 10/18/2024

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	249643	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	427646	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	370290	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	176545	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.067	65	160451	52.199	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.400%	
35) Dibromofluoromethane	7.640	113	154751	54.837	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.680%	
50) Toluene-d8	10.109	98	561766	53.906	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.820%	
62) 4-Bromofluorobenzene	12.408	95	200916	53.357	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 106.720%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.867	85	113601	48.882	ug/l	99
3) Chloromethane	2.074	50	159957	52.883	ug/l	98
4) Vinyl Chloride	2.208	62	174018	52.281	ug/l	99
5) Bromomethane	2.605	94	109899	52.164	ug/l	100
6) Chloroethane	2.745	64	121630	54.395	ug/l	99
7) Trichlorofluoromethane	3.068	101	263809	53.265	ug/l	97
8) Diethyl Ether	3.464	74	79805	53.018	ug/l	73
9) 1,1,2-Trichlorotrifluo...	3.830	101	159723	55.443	ug/l	92
10) Methyl Iodide	4.013	142	145625	49.981	ug/l #	89
11) Tert butyl alcohol	4.885	59	59523	238.189	ug/l #	79
12) 1,1-Dichloroethene	3.800	96	139706	52.165	ug/l #	80
13) Acrolein	3.659	56	42022	186.049	ug/l	97
14) Allyl chloride	4.391	41	272858	56.466	ug/l #	90
15) Acrylonitrile	5.068	53	197712	287.169	ug/l	98
16) Acetone	3.873	43	252718	315.830	ug/l #	83
17) Carbon Disulfide	4.117	76	327511	45.624	ug/l	100
18) Methyl Acetate	4.391	43	100744	58.446	ug/l #	87
19) Methyl tert-butyl Ether	5.129	73	426216	55.395	ug/l	98
20) Methylene Chloride	4.629	84	165010	55.906	ug/l #	82
21) trans-1,2-Dichloroethene	5.129	96	155580	53.375	ug/l	84
22) Diisopropyl ether	6.025	45	631373	59.985	ug/l	91
23) Vinyl Acetate	5.970	43	1755354	290.907	ug/l #	90
24) 1,1-Dichloroethane	5.927	63	334482	57.168	ug/l	97
25) 2-Butanone	6.896	43	314321	293.469	ug/l #	83
26) 2,2-Dichloropropane	6.890	77	288341	55.337	ug/l	95
27) cis-1,2-Dichloroethene	6.896	96	200088	55.547	ug/l	81
28) Bromochloromethane	7.250	49	157758	61.259	ug/l #	73
29) Tetrahydrofuran	7.268	42	170597	278.960	ug/l #	81
30) Chloroform	7.427	83	347975	58.343	ug/l	99
31) Cyclohexane	7.707	56	261599	50.934	ug/l	88
32) 1,1,1-Trichloroethane	7.622	97	294396	56.323	ug/l #	94
36) 1,1-Dichloropropene	7.841	75	231406	56.918	ug/l	94
37) Ethyl Acetate	6.988	43	123761	58.379	ug/l	95
38) Carbon Tetrachloride	7.823	117	252580	57.952	ug/l	99
39) Methylcyclohexane	9.110	83	282636	55.174	ug/l #	85
40) Benzene	8.085	78	704808	57.282	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101724\
 Data File : VY019922.D
 Acq On : 17 Oct 2024 10:34
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/18/2024
 Supervised By :Semsettin Yesilyurt 10/18/2024

Quant Time: Oct 18 01:36:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	64721	56.408	ug/l #	87
42) 1,2-Dichloroethane	8.165	62	205005	57.995	ug/l	94
43) Isopropyl Acetate	8.201	43	249257	57.652	ug/l #	88
44) Trichloroethene	8.872	130	164752	55.285	ug/l	90
45) 1,2-Dichloropropane	9.146	63	181928	59.074	ug/l	98
46) Dibromomethane	9.238	93	93304	55.452	ug/l	91
47) Bromodichloromethane	9.427	83	265680	59.488	ug/l	99
48) Methyl methacrylate	9.225	41	111743	58.757	ug/l #	80
49) 1,4-Dioxane	9.238	88	21246	1128.181	ug/l #	84
51) 4-Methyl-2-Pentanone	10.000	43	662422	300.387	ug/l	88
52) Toluene	10.170	92	448467	58.392	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	232401	57.834	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	276315	58.275	ug/l #	85
55) 1,1,2-Trichloroethane	10.573	97	128805	58.103	ug/l	96
56) Ethyl methacrylate	10.439	69	184164	57.896	ug/l #	74
57) 1,3-Dichloropropane	10.719	76	225585	57.946	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	430352	290.617	ug/l	92
59) 2-Hexanone	10.762	43	480611	305.141	ug/l	87
60) Dibromochloromethane	10.914	129	164577	57.841	ug/l	100
61) 1,2-Dibromoethane	11.018	107	113231	56.524	ug/l	97
64) Tetrachloroethene	10.652	164	140672	53.410	ug/l	95
65) Chlorobenzene	11.444	112	481572	56.860	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	165954	57.915	ug/l	99
67) Ethyl Benzene	11.518	91	897339	58.326	ug/l	97
68) m/p-Xylenes	11.633	106	658063	115.815	ug/l	91
69) o-Xylene	11.957	106	320368	58.683	ug/l	93
70) Styrene	11.969	104	539536	58.577	ug/l	95
71) Bromoform	12.133	173	87347	56.941	ug/l #	98
73) Isopropylbenzene	12.255	105	871152	58.664	ug/l	99
74) N-amyl acetate	12.072	43	228133	58.004	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.505	83	154598	58.590	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	93490m	27.032	ug/l	
77) Bromobenzene	12.536	156	176485	56.006	ug/l	84
78) n-propylbenzene	12.597	91	1073463	59.825	ug/l	97
79) 2-Chlorotoluene	12.682	91	596628	57.999	ug/l	94
80) 1,3,5-Trimethylbenzene	12.737	105	699576	58.334	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.304	75	49281	57.515	ug/l #	82
82) 4-Chlorotoluene	12.780	91	616016	58.567	ug/l	94
83) tert-Butylbenzene	12.999	119	632453	58.869	ug/l	94
84) 1,2,4-Trimethylbenzene	13.042	105	687291	57.804	ug/l	96
85) sec-Butylbenzene	13.176	105	963497	60.025	ug/l	98
86) p-Isopropyltoluene	13.292	119	769078	59.004	ug/l	95
87) 1,3-Dichlorobenzene	13.292	146	355110	55.803	ug/l	97
88) 1,4-Dichlorobenzene	13.371	146	347614	55.603	ug/l	96
89) n-Butylbenzene	13.621	91	777380	61.080	ug/l	98
90) Hexachloroethane	13.883	117	151580	59.723	ug/l	87
91) 1,2-Dichlorobenzene	13.657	146	312686	55.921	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	21941	52.103	ug/l	77
93) 1,2,4-Trichlorobenzene	14.926	180	165029	52.635	ug/l	97
94) Hexachlorobutadiene	15.029	225	94049	53.954	ug/l	99
95) Naphthalene	15.145	128	310839	52.565	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	134551	50.766	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101724\
Data File : VY019922.D
Acq On : 17 Oct 2024 10:34
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/18/2024
Supervised By :Semsettin Yesilyurt 10/18/2024

Quant Time: Oct 18 01:36:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 16 05:44:48 2024
Response via : Initial Calibration

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

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

