

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111721\
 Data File : VY006778.D
 Acq On : 17 Nov 2021 10:54
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 18 03:00:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 04:20:03 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Vimala Arumugam 11/18/2021
 Supervised By :Mahesh Dadoda 11/18/2021

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	120687	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	197440	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	168836	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	83440	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	74605	47.166	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.340%		
35) Dibromofluoromethane	7.728	113	55507	45.769	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.540%		
50) Toluene-d8	10.185	98	232316	46.292	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	92.580%		
62) 4-Bromofluorobenzene	12.489	95	78018	46.114	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	92.220%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	63121	54.461	ug/l	99
3) Chloromethane	2.125	50	92702	53.167	ug/l	99
4) Vinyl Chloride	2.265	62	95227	53.794	ug/l	98
5) Bromomethane	2.656	94	55996	59.365	ug/l	100
6) Chloroethane	2.808	64	59577	55.012	ug/l	95
7) Trichlorofluoromethane	3.137	101	124485	56.112	ug/l	98
8) Diethyl Ether	3.540	74	39813	53.884	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.918	101	62331	52.902	ug/l	99
10) Methyl Iodide	4.107	142	81048	55.030	ug/l	100
11) Tert butyl alcohol	4.960	59	35506	149.263	ug/l	97
12) 1,1-Dichloroethene	3.887	96	64609	55.290	ug/l	94
13) Acrolein	3.741	56	8850	265.953	ug/l	96
14) Allyl chloride	4.491	41	139768	53.100	ug/l	99
15) Acrylonitrile	5.180	53	107504	252.259	ug/l	100
16) Acetone	3.954	43	106335	221.264	ug/l	100
17) Carbon Disulfide	4.210	76	219146	53.128	ug/l	100
18) Methyl Acetate	4.491	43	74274	47.743	ug/l	99
19) Methyl tert-butyl Ether	5.234	73	194500	52.804	ug/l	99
20) Methylene Chloride	4.728	84	74149	51.842	ug/l	93
21) trans-1,2-Dichloroethene	5.234	96	72001	53.934	ug/l	99
22) Diisopropyl ether	6.131	45	273682	52.698	ug/l	99
23) Vinyl Acetate	6.070	43	823187	262.493	ug/l	99
24) 1,1-Dichloroethane	6.033	63	139677	52.692	ug/l	99
25) 2-Butanone	6.996	43	151214	217.940	ug/l	99
26) 2,2-Dichloropropane	6.996	77	132793	55.439	ug/l	99
27) cis-1,2-Dichloroethene	7.002	96	81931	54.341	ug/l	98
28) Bromochloromethane	7.344	49	59428	47.660	ug/l #	17
29) Tetrahydrofuran	7.356	42	96311	241.491	ug/l	95
30) Chloroform	7.514	83	137548	53.976	ug/l	99
31) Cyclohexane	7.795	56	143357	51.565	ug/l	96
32) 1,1,1-Trichloroethane	7.716	97	129016	54.935	ug/l	99
36) 1,1-Dichloropropene	7.929	75	109790	51.159	ug/l	99
37) Ethyl Acetate	7.088	43	67370	46.952	ug/l	100
38) Carbon Tetrachloride	7.911	117	116217	52.944	ug/l	100
39) Methylcyclohexane	9.191	83	135595	51.807	ug/l	98
40) Benzene	8.167	78	307883	50.961	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111721\
 Data File : VY006778.D
 Acq On : 17 Nov 2021 10:54
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Vimala Arumugam 11/18/2021
 Supervised By :Mahesh Dadoda 11/18/2021

Quant Time: Nov 18 03:00:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 04:20:03 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.356	41	62664m	52.013	ug/l	
42) 1,2-Dichloroethane	8.246	62	104877	52.106	ug/l	99
43) Isopropyl Acetate	8.283	43	127908	47.522	ug/l	100
44) Trichloroethene	8.947	130	81352	55.352	ug/l	96
45) 1,2-Dichloropropane	9.228	63	71365	45.784	ug/l	97
46) Dibromomethane	9.313	93	40528	49.920	ug/l	98
47) Bromodichloromethane	9.502	83	103744	50.319	ug/l	98
48) Methyl methacrylate	9.301	41	52863	41.454	ug/l	97
49) 1,4-Dioxane	9.301	88	8623	925.652	ug/l	94
51) 4-Methyl-2-Pentanone	10.075	43	294981	208.061	ug/l	98
52) Toluene	10.252	92	189210	51.575	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	113600	50.690	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	125941	50.108	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	53481	49.345	ug/l	92
56) Ethyl methacrylate	10.514	69	84600	50.218	ug/l	98
57) 1,3-Dichloropropane	10.794	76	99786	50.455	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.788	63	203854	221.014	ug/l	97
59) 2-Hexanone	10.837	43	239113	231.761	ug/l	98
60) Dibromochloromethane	10.989	129	66817	50.293	ug/l	98
61) 1,2-Dibromoethane	11.093	107	50130	49.923	ug/l	98
64) Tetrachloroethene	10.727	164	67402	54.632	ug/l	98
65) Chlorobenzene	11.520	112	188771	54.956	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	70995	55.268	ug/l	99
67) Ethyl Benzene	11.599	91	375590	57.686	ug/l	99
68) m/p-Xylenes	11.709	106	283184	114.124	ug/l	99
69) o-Xylene	12.032	106	131192	55.811	ug/l	100
70) Styrene	12.050	104	226522	57.059	ug/l	100
71) Bromoform	12.215	173	42430	54.572	ug/l #	100
73) Isopropylbenzene	12.337	105	356892	56.166	ug/l	99
74) N-amyl acetate	12.148	43	117069	50.796	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	62930	53.527	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	50230m	55.370	ug/l	
77) Bromobenzene	12.611	156	79857	55.183	ug/l	97
78) n-propylbenzene	12.678	91	443704	57.280	ug/l	99
79) 2-Chlorotoluene	12.764	91	242067	57.106	ug/l	98
80) 1,3,5-Trimethylbenzene	12.818	105	296832	56.997	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	24417	53.332	ug/l #	77
82) 4-Chlorotoluene	12.861	91	253539	57.217	ug/l	98
83) tert-Butylbenzene	13.081	119	259093	57.280	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	290612	55.892	ug/l	99
85) sec-Butylbenzene	13.257	105	383047	56.866	ug/l	100
86) p-Isopropyltoluene	13.373	119	321843	56.442	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	157149	54.529	ug/l	100
88) 1,4-Dichlorobenzene	13.452	146	154209	54.223	ug/l	99
89) n-Butylbenzene	13.702	91	308291	57.297	ug/l	99
90) Hexachloroethane	13.964	117	56429	54.911	ug/l	98
91) 1,2-Dichlorobenzene	13.745	146	134931	54.326	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	10692	51.449	ug/l	100
93) 1,2,4-Trichlorobenzene	15.013	180	86413	53.181	ug/l	99
94) Hexachlorobutadiene	15.117	225	60719	57.270	ug/l	99
95) Naphthalene	15.239	128	168341	56.005	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	81334	60.070	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111721\
Data File : VY006778.D
Acq On : 17 Nov 2021 10:54
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

Quant Time: Nov 18 03:00:03 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 16 04:20:03 2021
Response via : Initial Calibration

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

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

