

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070221\
 Data File : VY005332.D
 Acq On : 02 Jul 2021 10:18
 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

SAM
 7/6/2021 1:57:12 PM

Quant Time: Jul 05 01:02:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 07:57:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	252484	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	356960	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	314199	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	169306	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	118561	56.586	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.180%	
35) Dibromofluoromethane	7.722	113	111946	53.176	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.360%	
50) Toluene-d8	10.179	98	452042	53.694	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.380%	
62) 4-Bromofluorobenzene	12.483	95	143208	51.047	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.100%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	72143	43.454	ug/l	98
3) Chloromethane	2.119	50	104046	47.056	ug/l	98
4) Vinyl Chloride	2.253	62	127004	50.238	ug/l	99
5) Bromomethane	2.650	94	85034	53.031	ug/l	97
6) Chloroethane	2.796	64	86664	52.423	ug/l	99
7) Trichlorofluoromethane	3.125	101	171124	50.634	ug/l	98
8) Diethyl Ether	3.534	74	61547	48.680	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.899	101	107473	51.942	ug/l	98
10) Methyl Iodide	4.094	142	123627	42.002	ug/l	99
11) Tert butyl alcohol	4.966	59	60296	229.611	ug/l	98
12) 1,1-Dichloroethene	3.875	96	102168	48.874	ug/l	97
13) Acrolein	3.741	56	23704	230.240	ug/l	93
14) Allyl chloride	4.485	41	152536	50.798	ug/l	93
15) Acrylonitrile	5.174	53	151585	258.099	ug/l	99
16) Acetone	3.954	43	143042	295.522	ug/l	96
17) Carbon Disulfide	4.198	76	311206	47.332	ug/l	100
18) Methyl Acetate	4.485	43	66019	51.322	ug/l	95
19) Methyl tert-butyl Ether	5.228	73	284475	49.774	ug/l	100
20) Methylene Chloride	4.722	84	128592	50.364	ug/l	97
21) trans-1,2-Dichloroethene	5.228	96	116701	50.136	ug/l	98
22) Diisopropyl ether	6.131	45	348573	55.841	ug/l	97
23) Vinyl Acetate	6.070	43	1138224	281.773	ug/l	97
24) 1,1-Dichloroethane	6.021	63	202148	52.179	ug/l	99
25) 2-Butanone	6.996	43	203200	287.904	ug/l	96
26) 2,2-Dichloropropane	6.990	77	181347	53.679	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	131410	50.196	ug/l	96
28) Bromochloromethane	7.338	49	94849	61.191	ug/l	91
29) Tetrahydrofuran	7.356	42	128381	276.466	ug/l	94
30) Chloroform	7.508	83	206764	52.446	ug/l	97
31) Cyclohexane	7.789	56	182934	48.905	ug/l	96
32) 1,1,1-Trichloroethane	7.704	97	182666	51.950	ug/l	98
36) 1,1-Dichloropropene	7.923	75	160805	51.159	ug/l	99
37) Ethyl Acetate	7.082	43	88305	54.478	ug/l	97
38) Carbon Tetrachloride	7.905	117	167100	50.784	ug/l	100
39) Methylcyclohexane	9.185	83	200977	49.405	ug/l	97
40) Benzene	8.167	78	469865	50.694	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070221\
 Data File : VY005332.D
 Acq On : 02 Jul 2021 10:18
 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

SAM
 7/6/2021 1:57:12 PM

Quant Time: Jul 05 01:02:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 07:57:52 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	41859m	46.564	ug/l	
42) 1,2-Dichloroethane	8.240	62	136275	54.131	ug/l	98
43) Isopropyl Acetate	8.277	43	160853	53.989	ug/l	96
44) Trichloroethene	8.941	130	130725	49.887	ug/l	98
45) 1,2-Dichloropropane	9.222	63	117090	52.795	ug/l	99
46) Dibromomethane	9.307	93	67032	51.971	ug/l	95
47) Bromodichloromethane	9.502	83	160944	53.217	ug/l	98
48) Methyl methacrylate	9.295	41	72431	55.415	ug/l	90
49) 1,4-Dioxane	9.301	88	18849	1111.294	ug/l #	92
51) 4-Methyl-2-Pentanone	10.075	43	442987	284.070	ug/l	95
52) Toluene	10.246	92	301903	50.960	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	162506	49.087	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	193815	51.929	ug/l #	92
55) 1,1,2-Trichloroethane	10.648	97	91483	48.569	ug/l	99
56) Ethyl methacrylate	10.514	69	125502	49.084	ug/l #	88
57) 1,3-Dichloropropane	10.794	76	154855	49.086	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	280684	248.893	ug/l	97
59) 2-Hexanone	10.837	43	302110	281.673	ug/l	94
60) Dibromochloromethane	10.990	129	112929	48.944	ug/l	100
61) 1,2-Dibromoethane	11.093	107	88866	48.502	ug/l	98
64) Tetrachloroethene	10.721	164	112110	48.353	ug/l	98
65) Chlorobenzene	11.520	112	311535	50.025	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	117592	50.874	ug/l	100
67) Ethyl Benzene	11.593	91	551529	51.360	ug/l	100
68) m/p-Xylenes	11.703	106	439291	102.105	ug/l	99
69) o-Xylene	12.032	106	207421	50.913	ug/l	99
70) Styrene	12.044	104	355222	51.856	ug/l	99
71) Bromoform	12.209	173	78811	50.108	ug/l	100
73) Isopropylbenzene	12.331	105	544044	49.544	ug/l	100
74) N-amyl acetate	12.148	43	146420	56.341	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.587	83	109518	50.614	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	76288m	50.806	ug/l	
77) Bromobenzene	12.611	156	141056	48.408	ug/l	97
78) n-propylbenzene	12.672	91	663075	51.208	ug/l	99
79) 2-Chlorotoluene	12.758	91	367762	50.348	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	460492	50.691	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	40459	50.273	ug/l	94
82) 4-Chlorotoluene	12.855	91	379950	50.279	ug/l	99
83) tert-Butylbenzene	13.075	119	415850	51.348	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	455521	50.720	ug/l	99
85) sec-Butylbenzene	13.257	105	603034	51.181	ug/l	100
86) p-Isopropyltoluene	13.373	119	519378	51.090	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	276974	49.788	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	274313	49.863	ug/l	99
89) n-Butylbenzene	13.696	91	469207	52.541	ug/l	99
90) Hexachloroethane	13.965	117	95858	52.198	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	243959	49.467	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	17717	49.156	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	162703	46.809	ug/l	99
94) Hexachlorobutadiene	15.117	225	104331	47.960	ug/l	100
95) Naphthalene	15.239	128	298711	46.561	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	143205	46.780	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070221\
Data File : VY005332.D
Acq On : 02 Jul 2021 10:18
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

SAM
7/6/2021 1:57:12 PM

Quant Time: Jul 05 01:02:03 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 07:57:52 2021
Response via : Initial Calibration

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

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

