

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY043021\
 Data File : VY004687.D
 Acq On : 30 Apr 2021 15:04
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/3/2021 2:50:19 PM

Quant Time: May 01 00:40:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	184728	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	302784	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	280047	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	140218	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	111059	54.11	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.22%			
35) Dibromofluoromethane	7.728	113	81371	48.43	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 96.86%			
50) Toluene-d8	10.185	98	359074	50.24	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.48%			
62) 4-Bromofluorobenzene	12.483	95	127344	52.50	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.00%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	79515	46.46	ug/l	99
3) Chloromethane	2.119	50	119142	48.14	ug/l	99
4) Vinyl Chloride	2.259	62	135263	51.75	ug/l	98
5) Bromomethane	2.650	94	71673	56.20	ug/l	99
6) Chloroethane	2.796	64	83743	53.44	ug/l	99
7) Trichlorofluoromethane	3.131	101	170992	52.31	ug/l	99
8) Diethyl Ether	3.540	74	58112	52.60	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.912	101	94751	52.25	ug/l	99
10) Methyl Iodide	4.101	142	99687	45.94	ug/l	97
11) Tert butyl alcohol	4.972	59	57309	283.33	ug/l	99
12) 1,1-Dichloroethene	3.881	96	89816	50.09	ug/l	97
13) Acrolein	3.741	56	49846	221.68	ug/l	99
14) Allyl chloride	4.491	41	174034	50.75	ug/l	98
15) Acrylonitrile	5.180	53	168194	283.74	ug/l	98
16) Acetone	3.960	43	128160	297.88	ug/l	99
17) Carbon Disulfide	4.204	76	247189	44.77	ug/l	99
18) Methyl Acetate	4.485	43	84569	59.16	ug/l	99
19) Methyl tert-butyl Ether	5.235	73	297157	55.15	ug/l	98
20) Methylene Chloride	4.729	84	117493	59.27	ug/l	98
21) trans-1,2-Dichloroethene	5.235	96	103956	51.24	ug/l	99
22) Diisopropyl ether	6.131	45	392811	54.19	ug/l	97
23) Vinyl Acetate	6.076	43	1346812	272.92	ug/l	99
24) 1,1-Dichloroethane	6.027	63	198516	53.60	ug/l	99
25) 2-Butanone	7.003	43	234432	299.85	ug/l	96
26) 2,2-Dichloropropane	6.996	77	178169	53.62	ug/l	99
27) cis-1,2-Dichloroethene	7.003	96	119725	52.74	ug/l	99
28) Bromochloromethane	7.344	49	94026	55.86	ug/l	98
29) Tetrahydrofuran	7.356	42	160797	287.86	ug/l	99
30) Chloroform	7.515	83	199395	54.79	ug/l	99
31) Cyclohexane	7.789	56	177039	47.05	ug/l	97
32) 1,1,1-Trichloroethane	7.710	97	178455	54.05	ug/l	99
36) 1,1-Dichloropropene	7.929	75	154090	51.21	ug/l	99
37) Ethyl Acetate	7.088	43	107902	55.69	ug/l	99
38) Carbon Tetrachloride	7.905	117	150112	57.71	ug/l	98
39) Methylcyclohexane	9.191	83	183853	49.63	ug/l	99
40) Benzene	8.167	78	441910	52.26	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY043021\
 Data File : VY004687.D
 Acq On : 30 Apr 2021 15:04
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/3/2021 2:50:19 PM

Quant Time: May 01 00:40:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	55539m	47.30	ug/l	
42) 1,2-Dichloroethane	8.246	62	149195	56.25	ug/l	98
43) Isopropyl Acetate	8.283	43	209735	57.10	ug/l	99
44) Trichloroethene	8.947	130	119414	51.80	ug/l	95
45) 1,2-Dichloropropane	9.222	63	117950	54.05	ug/l	99
46) Dibromomethane	9.313	93	65981	55.54	ug/l	98
47) Bromodichloromethane	9.502	83	160000	55.63	ug/l	96
48) Methyl methacrylate	9.295	41	97391	57.58	ug/l	97
49) 1,4-Dioxane	9.301	88	18170	1171.03	ug/l	94
51) 4-Methyl-2-Pentanone	10.075	43	565932	299.96	ug/l	99
52) Toluene	10.246	92	281657	51.48	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	176969	55.78	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	194601	54.01	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	91665	55.99	ug/l	96
56) Ethyl methacrylate	10.514	69	136904	57.67	ug/l	97
57) 1,3-Dichloropropane	10.794	76	162994	55.79	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	372056	306.31	ug/l	99
59) 2-Hexanone	10.837	43	388953	307.53	ug/l	100
60) Dibromochloromethane	10.990	129	112451	57.80	ug/l	99
61) 1,2-Dibromoethane	11.093	107	89525	56.72	ug/l	98
64) Tetrachloroethene	10.721	164	132015	54.15	ug/l	98
65) Chlorobenzene	11.520	112	297074	51.98	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	111046	54.44	ug/l	99
67) Ethyl Benzene	11.593	91	559695	52.34	ug/l	98
68) m/p-Xylenes	11.703	106	418308	105.28	ug/l	99
69) o-Xylene	12.032	106	196478	52.77	ug/l	99
70) Styrene	12.050	104	339934	55.12	ug/l	99
71) Bromoform	12.209	173	68197	56.37	ug/l #	100
73) Isopropylbenzene	12.331	105	542568	50.08	ug/l	100
74) N-amyl acetate	12.148	43	200863	55.06	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	105337	51.39	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	82152m	54.59	ug/l	
77) Bromobenzene	12.611	156	121825	50.16	ug/l	98
78) n-propylbenzene	12.672	91	655773	51.23	ug/l	98
79) 2-Chlorotoluene	12.758	91	356734	50.96	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	460561	52.30	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	43295	51.46	ug/l	96
82) 4-Chlorotoluene	12.861	91	380580	51.48	ug/l	100
83) tert-Butylbenzene	13.081	119	388124	51.49	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	464618	52.28	ug/l	99
85) sec-Butylbenzene	13.257	105	546589	51.98	ug/l	100
86) p-Isopropyltoluene	13.373	119	500272	52.30	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	233670	51.51	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	232408	50.90	ug/l	100
89) n-Butylbenzene	13.703	91	480730	52.66	ug/l	100
90) Hexachloroethane	13.965	117	76233	59.41	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	209219	51.96	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	18923	51.44	ug/l	99
93) 1,2,4-Trichlorobenzene	15.013	180	135909	51.05	ug/l	99
94) Hexachlorobutadiene	15.117	225	71685	51.57	ug/l	99
95) Naphthalene	15.239	128	303802	52.49	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	120190	51.17	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY043021\
Data File : VY004687.D
Acq On : 30 Apr 2021 15:04
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
5/3/2021 2:50:19 PM

Quant Time: May 01 00:40:11 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
Response via : Initial Calibration

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

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

