

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042221\
 Data File : VY004594.D
 Acq On : 22 Apr 2021 18:44
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/23/2021 6:11:45 PM

Quant Time: Apr 23 09:23:37 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	137024	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	232527	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	216892	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	103595	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	89514	58.80	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.60%			
35) Dibromofluoromethane	7.728	113	67461	52.28	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.56%			
50) Toluene-d8	10.185	98	293733	53.51	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.02%			
62) 4-Bromofluorobenzene	12.483	95	104245	55.97	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 111.94%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	65028	51.22	ug/l	98
3) Chloromethane	2.119	50	100214	54.59	ug/l	97
4) Vinyl Chloride	2.259	62	103955	53.62	ug/l	97
5) Bromomethane	2.656	94	52246	55.23	ug/l	98
6) Chloroethane	2.802	64	64243	55.27	ug/l	97
7) Trichlorofluoromethane	3.137	101	128115	52.84	ug/l	96
8) Diethyl Ether	3.540	74	45872	55.97	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.912	101	70524	52.43	ug/l	99
10) Methyl Iodide	4.101	142	75753	47.06	ug/l	98
11) Tert butyl alcohol	4.985	59	42941	286.20	ug/l	99
12) 1,1-Dichloroethene	3.887	96	69025	51.90	ug/l	98
13) Acrolein	3.741	56	44019	263.92	ug/l	98
14) Allyl chloride	4.491	41	136926	53.83	ug/l	98
15) Acrylonitrile	5.186	53	128532	292.32	ug/l	98
16) Acetone	3.966	43	104291	328.82	ug/l	95
17) Carbon Disulfide	4.204	76	203904	49.79	ug/l	99
18) Methyl Acetate	4.491	43	63639	60.01	ug/l	98
19) Methyl tert-butyl Ether	5.241	73	226308	56.63	ug/l	100
20) Methylene Chloride	4.735	84	82310	55.98	ug/l	98
21) trans-1,2-Dichloroethene	5.235	96	79041	52.52	ug/l	97
22) Diisopropyl ether	6.137	45	304239	56.58	ug/l	99
23) Vinyl Acetate	6.076	43	1059809	289.53	ug/l	98
24) 1,1-Dichloroethane	6.033	63	150032	54.62	ug/l	99
25) 2-Butanone	7.003	43	180768	311.71	ug/l	96
26) 2,2-Dichloropropane	6.996	77	130127	52.79	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	90779	53.91	ug/l	99
28) Bromochloromethane	7.344	49	75174	60.21	ug/l	97
29) Tetrahydrofuran	7.362	42	122813	296.41	ug/l	99
30) Chloroform	7.521	83	149491	55.38	ug/l	100
31) Cyclohexane	7.795	56	136296	48.83	ug/l	97
32) 1,1,1-Trichloroethane	7.716	97	132574	54.13	ug/l	100
36) 1,1-Dichloropropene	7.929	75	115517	50.00	ug/l	99
37) Ethyl Acetate	7.088	43	83204	55.92	ug/l	99
38) Carbon Tetrachloride	7.911	117	108113	54.13	ug/l	99
39) Methylcyclohexane	9.191	83	139190	48.93	ug/l	99
40) Benzene	8.173	78	333920	51.42	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042221\
 Data File : VY004594.D
 Acq On : 22 Apr 2021 18:44
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/23/2021 6:11:45 PM

Quant Time: Apr 23 09:23:37 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	7.332	41	47321m	52.48	ug/l	
42) 1,2-Dichloroethane	8.246	62	108983	53.50	ug/l	100
43) Isopropyl Acetate	8.283	43	161025	57.09	ug/l	98
44) Trichloroethene	8.947	130	90643	51.20	ug/l	97
45) 1,2-Dichloropropane	9.222	63	88903	53.05	ug/l	98
46) Dibromomethane	9.313	93	50072	54.88	ug/l	97
47) Bromodichloromethane	9.502	83	120140	54.39	ug/l	99
48) Methyl methacrylate	9.301	41	74602	57.43	ug/l	98
49) 1,4-Dioxane	9.307	88	12678	1063.95	ug/l	90
51) 4-Methyl-2-Pentanone	10.075	43	429943	296.73	ug/l	98
52) Toluene	10.252	92	213489	50.81	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	132227	54.27	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	144377	52.18	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	67700	53.85	ug/l	98
56) Ethyl methacrylate	10.514	69	102800	56.39	ug/l	96
57) 1,3-Dichloropropane	10.794	76	122622	54.66	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	281204	301.46	ug/l	99
59) 2-Hexanone	10.837	43	296930	305.70	ug/l	98
60) Dibromochloromethane	10.990	129	83172	55.67	ug/l	98
61) 1,2-Dibromoethane	11.093	107	65947	54.41	ug/l	100
64) Tetrachloroethene	10.721	164	94785	50.20	ug/l	98
65) Chlorobenzene	11.520	112	222295	50.22	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	82508	52.23	ug/l	99
67) Ethyl Benzene	11.593	91	425001	51.32	ug/l	98
68) m/p-Xylenes	11.703	106	315850	102.64	ug/l	100
69) o-Xylene	12.032	106	148118	51.36	ug/l	99
70) Styrene	12.050	104	255736	53.54	ug/l	99
71) Bromoform	12.215	173	50868	54.29	ug/l #	100
73) Isopropylbenzene	12.331	105	404375	50.51	ug/l	100
74) N-amyl acetate	12.148	43	152463	56.57	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	81725	53.96	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	62098m	55.85	ug/l	
77) Bromobenzene	12.611	156	89778	50.03	ug/l	96
78) n-propylbenzene	12.672	91	486489	51.44	ug/l	99
79) 2-Chlorotoluene	12.758	91	267045	51.63	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	335401	51.55	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	32251	51.89	ug/l	98
82) 4-Chlorotoluene	12.855	91	279141	51.11	ug/l	99
83) tert-Butylbenzene	13.081	119	285187	51.21	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	338846	51.61	ug/l	100
85) sec-Butylbenzene	13.257	105	397595	51.18	ug/l	99
86) p-Isopropyltoluene	13.373	119	361907	51.21	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	170667	50.92	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	167614	49.69	ug/l	98
89) n-Butylbenzene	13.696	91	347193	51.47	ug/l	100
90) Hexachloroethane	13.965	117	54316	57.29	ug/l	98
91) 1,2-Dichlorobenzene	13.745	146	152601	51.30	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	14714	54.14	ug/l	100
93) 1,2,4-Trichlorobenzene	15.013	180	94675	48.13	ug/l	99
94) Hexachlorobutadiene	15.117	225	49050	47.76	ug/l	99
95) Naphthalene	15.239	128	218132	51.01	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	83984	48.40	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042221\
Data File : VY004594.D
Acq On : 22 Apr 2021 18:44
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
4/23/2021 6:11:45 PM

Quant Time: Apr 23 09:23:37 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

