

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031121\
 Data File : VY004083.D
 Acq On : 11 Mar 2021 17:37
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/12/2021 2:02:07 PM

Quant Time: Mar 12 01:20:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 08 12:28:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	240021	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	385282	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	347205	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	176011	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	118381	49.98	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.96%		
35) Dibromofluoromethane	7.728	113	112636	51.84	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	103.68%		
50) Toluene-d8	10.185	98	418266	49.11	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.22%		
62) 4-Bromofluorobenzene	12.483	95	154091	48.98	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.96%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	76019	45.44	ug/l	94
3) Chloromethane	2.119	50	105338	45.37	ug/l	95
4) Vinyl Chloride	2.259	62	125628	43.31	ug/l	98
5) Bromomethane	2.656	94	84266	45.47	ug/l	97
6) Chloroethane	2.802	64	80892	45.79	ug/l	100
7) Trichlorofluoromethane	3.131	101	175563	45.54	ug/l	99
8) Diethyl Ether	3.540	74	61554	49.81	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.912	101	100172	46.45	ug/l	99
10) Methyl Iodide	4.101	142	109434	49.66	ug/l	100
11) Tert butyl alcohol	4.972	59	50950	237.91	ug/l	95
12) 1,1-Dichloroethene	3.881	96	96526	45.74	ug/l	93
13) Acrolein	3.741	56	59503	280.10	ug/l	98
14) Allyl chloride	4.491	41	153745	44.05	ug/l	92
15) Acrylonitrile	5.180	53	145776	237.36	ug/l	99
16) Acetone	3.960	43	111697	195.37	ug/l	91
17) Carbon Disulfide	4.204	76	267532	43.12	ug/l	97
18) Methyl Acetate	4.491	43	68645	48.60	ug/l	93
19) Methyl tert-butyl Ether	5.234	73	298277	49.64	ug/l	97
20) Methylene Chloride	4.728	84	116440	50.71	ug/l	93
21) trans-1,2-Dichloroethene	5.234	96	111025	46.83	ug/l	94
22) Diisopropyl ether	6.131	45	337870	45.86	ug/l	95
23) Vinyl Acetate	6.076	43	1118333	230.58	ug/l	95
24) 1,1-Dichloroethane	6.033	63	192454	47.05	ug/l	99
25) 2-Butanone	6.996	43	186463	226.24	ug/l #	88
26) 2,2-Dichloropropane	6.990	77	172622	44.18	ug/l	98
27) cis-1,2-Dichloroethene	7.002	96	131647	48.77	ug/l	92
28) Bromochloromethane	7.350	49	82317	46.08	ug/l	87
29) Tetrahydrofuran	7.356	42	123575	230.80	ug/l	92
30) Chloroform	7.521	83	206389	48.69	ug/l	97
31) Cyclohexane	7.795	56	170538	41.04	ug/l	88
32) 1,1,1-Trichloroethane	7.716	97	188622	47.97	ug/l	99
36) 1,1-Dichloropropene	7.929	75	155248	45.87	ug/l	98
37) Ethyl Acetate	7.088	43	82336	45.15	ug/l #	96
38) Carbon Tetrachloride	7.911	117	169397	47.17	ug/l	96
39) Methylcyclohexane	9.185	83	194619	44.51	ug/l	92
40) Benzene	8.167	78	452206	47.43	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031121\
 Data File : VY004083.D
 Acq On : 11 Mar 2021 17:37
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/12/2021 2:02:07 PM

Quant Time: Mar 12 01:20:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 08 12:28:55 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	45056m	39.88	ug/l	
42) 1,2-Dichloroethane	8.246	62	140574	48.23	ug/l	97
43) Isopropyl Acetate	8.283	43	169771	46.40	ug/l	97
44) Trichloroethene	8.947	130	142102	51.46	ug/l	97
45) 1,2-Dichloropropane	9.222	63	112453	47.24	ug/l	99
46) Dibromomethane	9.313	93	67538	49.62	ug/l	97
47) Bromodichloromethane	9.502	83	166740	49.07	ug/l	98
48) Methyl methacrylate	9.295	41	78312	45.05	ug/l	88
49) 1,4-Dioxane	9.301	88	17266	996.53	ug/l #	94
51) 4-Methyl-2-Pentanone	10.075	43	433340	233.88	ug/l	96
52) Toluene	10.246	92	294685	47.72	ug/l	96
53) t-1,3-Dichloropropene	10.471	75	170017	47.43	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	192322	47.88	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	97336	50.85	ug/l	97
56) Ethyl methacrylate	10.514	69	129593	48.44	ug/l	92
57) 1,3-Dichloropropane	10.794	76	161640	49.32	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	243728	231.41	ug/l	93
59) 2-Hexanone	10.837	43	299367	229.97	ug/l	97
60) Dibromochloromethane	10.990	129	123631	51.45	ug/l	98
61) 1,2-Dibromoethane	11.093	107	93957	50.41	ug/l	99
64) Tetrachloroethene	10.721	164	156006	53.67	ug/l	96
65) Chlorobenzene	11.520	112	325295	48.89	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	126042	50.64	ug/l	99
67) Ethyl Benzene	11.593	91	577702	47.29	ug/l	98
68) m/p-Xylenes	11.703	106	444900	95.50	ug/l	95
69) o-Xylene	12.032	106	212915	48.35	ug/l	94
70) Styrene	12.044	104	366445	48.59	ug/l	97
71) Bromoform	12.209	173	76698	51.50	ug/l #	99
73) Isopropylbenzene	12.331	105	576021	47.09	ug/l	99
74) N-amyl acetate	12.142	43	156275	44.61	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	90914	42.78	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	73092m	43.31	ug/l	
77) Bromobenzene	12.611	156	140481	49.71	ug/l	96
78) n-propylbenzene	12.672	91	663649	46.05	ug/l	97
79) 2-Chlorotoluene	12.757	91	375779	46.45	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	486727	46.91	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	38863	45.45	ug/l	98
82) 4-Chlorotoluene	12.855	91	392811	45.87	ug/l	96
83) tert-Butylbenzene	13.075	119	426115	47.73	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	494410	47.58	ug/l	98
85) sec-Butylbenzene	13.251	105	579901	47.11	ug/l	98
86) p-Isopropyltoluene	13.373	119	539363	47.26	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	265595	48.68	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	265167	48.70	ug/l	99
89) n-Butylbenzene	13.696	91	500316	46.07	ug/l	98
90) Hexachloroethane	13.965	117	96820	47.21	ug/l	84
91) 1,2-Dichlorobenzene	13.739	146	240416	49.69	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	19198	47.81	ug/l	88
93) 1,2,4-Trichlorobenzene	15.007	180	163317	49.77	ug/l	98
94) Hexachlorobutadiene	15.111	225	87075	47.33	ug/l	99
95) Naphthalene	15.239	128	335225	51.56	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	140740	51.01	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031121\
Data File : VY004083.D
Acq On : 11 Mar 2021 17:37
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
3/12/2021 2:02:07 PM

Quant Time: Mar 12 01:20:24 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 08 12:28:55 2021
Response via : Initial Calibration

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

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

