

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040621\
 Data File : VY004306.D
 Acq On : 06 Apr 2021 18:18
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/7/2021 5:16:41 PM

Quant Time: Apr 07 01:01:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 30 06:38:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	160546	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	269588	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	240476	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	111450	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	82693	53.58	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.16%			
35) Dibromofluoromethane	7.728	113	70744	47.10	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 94.20%			
50) Toluene-d8	10.185	98	276233	48.89	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 97.78%			
62) 4-Bromofluorobenzene	12.483	95	94525	48.82	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.64%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	69772	50.18	ug/l	98
3) Chloromethane	2.119	50	104540	55.70	ug/l	98
4) Vinyl Chloride	2.259	62	129090	61.72	ug/l	98
5) Bromomethane	2.656	94	53827	46.78	ug/l	95
6) Chloroethane	2.802	64	69273	51.09	ug/l	97
7) Trichlorofluoromethane	3.137	101	140681	51.75	ug/l	99
8) Diethyl Ether	3.540	74	50880	58.33	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.912	101	80887	54.65	ug/l	98
10) Methyl Iodide	4.101	142	88775	51.91	ug/l	100
11) Tert butyl alcohol	4.972	59	45092	359.05	ug/l	97
12) 1,1-Dichloroethene	3.881	96	79277	54.59	ug/l	94
13) Acrolein	3.741	56	28514	285.44	ug/l	99
14) Allyl chloride	4.491	41	152223	65.79	ug/l	94
15) Acrylonitrile	5.180	53	137630	331.50	ug/l	98
16) Acetone	3.960	43	107109	333.11	ug/l	100
17) Carbon Disulfide	4.204	76	223978	58.66	ug/l	99
18) Methyl Acetate	4.491	43	72492	70.44	ug/l	96
19) Methyl tert-butyl Ether	5.235	73	251851	58.71	ug/l	97
20) Methylene Chloride	4.735	84	94180	60.29	ug/l	96
21) trans-1,2-Dichloroethene	5.235	96	92653	56.83	ug/l	92
22) Diisopropyl ether	6.131	45	342927	67.48	ug/l	96
23) Vinyl Acetate	6.076	43	1108336	324.24	ug/l	98
24) 1,1-Dichloroethane	6.033	63	172317	62.24	ug/l	99
25) 2-Butanone	7.003	43	185790	345.88	ug/l	98
26) 2,2-Dichloropropane	6.990	77	141586	54.65	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	106754	57.83	ug/l	97
28) Bromochloromethane	7.344	49	70409	62.56	ug/l	89
29) Tetrahydrofuran	7.356	42	127772	337.63	ug/l	93
30) Chloroform	7.515	83	171064	58.07	ug/l	99
31) Cyclohexane	7.795	56	156653	57.43	ug/l	99
32) 1,1,1-Trichloroethane	7.710	97	149036	55.30	ug/l	99
36) 1,1-Dichloropropene	7.923	75	132160	53.70	ug/l	97
37) Ethyl Acetate	7.088	43	85907	59.50	ug/l	98
38) Carbon Tetrachloride	7.911	117	119324	55.76	ug/l	99
39) Methylcyclohexane	9.185	83	162139	53.21	ug/l	97
40) Benzene	8.167	78	387639	55.57	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	45818m	57.28	ug/l	
42) 1,2-Dichloroethane	8.246	62	117803	53.73	ug/l	100
43) Isopropyl Acetate	8.277	43	167698	61.35	ug/l	97
44) Trichloroethene	8.941	130	105299	47.41	ug/l	96
45) 1,2-Dichloropropane	9.222	63	102478	59.44	ug/l	95
46) Dibromomethane	9.313	93	55095	54.35	ug/l	95
47) Bromodichloromethane	9.502	83	133210	55.08	ug/l	99
48) Methyl methacrylate	9.295	41	77714	62.60	ug/l	97
49) 1,4-Dioxane	9.307	88	14600	1317.84	ug/l #	87
51) 4-Methyl-2-Pentanone	10.075	43	434722	312.14	ug/l	98
52) Toluene	10.246	92	243402	54.27	ug/l	98
53) t-1,3-Dichloropropene	10.471	75	141858	55.01	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	162058	56.24	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	74796	53.86	ug/l	99
56) Ethyl methacrylate	10.514	69	109265	57.34	ug/l	95
57) 1,3-Dichloropropane	10.795	76	137582	57.41	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	196599	241.16	ug/l	95
59) 2-Hexanone	10.837	43	298517	311.78	ug/l	97
60) Dibromochloromethane	10.990	129	90242	54.20	ug/l	100
61) 1,2-Dibromoethane	11.093	107	73846	53.88	ug/l	98
64) Tetrachloroethene	10.721	164	103029	43.54	ug/l	99
65) Chlorobenzene	11.520	112	251787	52.50	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	92048	53.58	ug/l	99
67) Ethyl Benzene	11.599	91	470415	54.01	ug/l	98
68) m/p-Xylenes	11.703	106	349406	104.49	ug/l	98
69) o-Xylene	12.032	106	165716	52.96	ug/l	99
70) Styrene	12.050	104	276565	53.13	ug/l	100
71) Bromoform	12.209	173	52979	54.16	ug/l #	100
73) Isopropylbenzene	12.331	105	442894	54.39	ug/l	99
74) N-amyl acetate	12.148	43	149229	62.71	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	84688	56.19	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	61495m	60.76	ug/l	
77) Bromobenzene	12.611	156	100441	52.69	ug/l	94
78) n-propylbenzene	12.672	91	522709	55.49	ug/l	97
79) 2-Chlorotoluene	12.758	91	285795	55.22	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	362326	54.55	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	32726	59.60	ug/l	92
82) 4-Chlorotoluene	12.855	91	300229	55.11	ug/l	97
83) tert-Butylbenzene	13.081	119	314793	54.85	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	363112	54.50	ug/l	100
85) sec-Butylbenzene	13.258	105	431779	54.65	ug/l	98
86) p-Isopropyltoluene	13.373	119	387458	52.71	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	185441	52.14	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	183919	52.35	ug/l	100
89) n-Butylbenzene	13.696	91	361993	53.56	ug/l	99
90) Hexachloroethane	13.965	117	54275	78.35	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	165544	51.85	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	14448	51.38	ug/l	93
93) 1,2,4-Trichlorobenzene	15.013	180	108009	47.61	ug/l	100
94) Hexachlorobutadiene	15.117	225	57005	47.24	ug/l	100
95) Naphthalene	15.239	128	243223	50.53	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	97930	47.24	ug/l	98

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

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