

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031921\
 Data File : VY004150.D
 Acq On : 19 Mar 2021 21:00
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/22/2021 11:35:35 AM

Quant Time: Mar 20 03:18:05 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	180904	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	293108	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	269675	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	134265	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	93747	52.51	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.02%			
35) Dibromofluoromethane	7.734	113	89323	54.04	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.08%			
50) Toluene-d8	10.185	98	335483	51.77	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.54%			
62) 4-Bromofluorobenzene	12.483	95	121419	50.73	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.46%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	54656	43.09	ug/l	100
3) Chloromethane	2.119	50	82317	47.20	ug/l	96
4) Vinyl Chloride	2.260	62	95899	43.86	ug/l	99
5) Bromomethane	2.662	94	68030	48.71	ug/l	97
6) Chloroethane	2.808	64	64016	48.08	ug/l	98
7) Trichlorofluoromethane	3.137	101	142308	48.98	ug/l	100
8) Diethyl Ether	3.546	74	49033	52.65	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.918	101	81189	49.95	ug/l	97
10) Methyl Iodide	4.107	142	88975	53.57	ug/l	100
11) Tert butyl alcohol	4.979	59	36434	225.72	ug/l #	95
12) 1,1-Dichloroethene	3.887	96	77790	48.91	ug/l	95
13) Acrolein	3.741	56	34604	216.12	ug/l	100
14) Allyl chloride	4.497	41	123702	47.02	ug/l #	89
15) Acrylonitrile	5.180	53	115023	248.49	ug/l	99
16) Acetone	3.967	43	85538	198.50	ug/l	92
17) Carbon Disulfide	4.210	76	208888	44.67	ug/l	98
18) Methyl Acetate	4.491	43	54538	51.23	ug/l	93
19) Methyl tert-butyl Ether	5.241	73	240294	53.06	ug/l	100
20) Methylene Chloride	4.741	84	101045	59.23	ug/l	92
21) trans-1,2-Dichloroethene	5.235	96	92732	51.89	ug/l	93
22) Diisopropyl ether	6.137	45	278322	50.12	ug/l	95
23) Vinyl Acetate	6.076	43	878348	240.29	ug/l	95
24) 1,1-Dichloroethane	6.039	63	160881	52.18	ug/l	97
25) 2-Butanone	7.003	43	140855	226.75	ug/l #	89
26) 2,2-Dichloropropane	6.996	77	139667	47.43	ug/l	99
27) cis-1,2-Dichloroethene	7.003	96	109212	53.68	ug/l	91
28) Bromochloromethane	7.350	49	66301	49.24	ug/l	84
29) Tetrahydrofuran	7.362	42	93474	231.63	ug/l	91
30) Chloroform	7.521	83	176021	55.10	ug/l	98
31) Cyclohexane	7.795	56	133291	42.56	ug/l	90
32) 1,1,1-Trichloroethane	7.716	97	156787	52.90	ug/l	99
36) 1,1-Dichloropropene	7.929	75	126283	49.04	ug/l	98
37) Ethyl Acetate	7.088	43	64510	46.50	ug/l	96
38) Carbon Tetrachloride	7.911	117	138775	50.80	ug/l	95
39) Methylcyclohexane	9.191	83	153285	46.08	ug/l	92
40) Benzene	8.173	78	373978	51.56	ug/l	97

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41) Methacrylonitrile	7.338	41	37810m	43.99	ug/l	
42) 1,2-Dichloroethane	8.246	62	116207	52.41	ug/l	97
43) Isopropyl Acetate	8.283	43	128820	46.28	ug/l	96
44) Trichloroethene	8.947	130	115798	55.12	ug/l	96
45) 1,2-Dichloropropane	9.222	63	92827	51.26	ug/l	99
46) Dibromomethane	9.313	93	55457	53.56	ug/l	98
47) Bromodichloromethane	9.502	83	139990	54.16	ug/l	97
48) Methyl methacrylate	9.301	41	60992	46.12	ug/l	88
49) 1,4-Dioxane	9.307	88	13405	1016.99	ug/l #	92
51) 4-Methyl-2-Pentanone	10.075	43	331069	234.87	ug/l	96
52) Toluene	10.252	92	248530	52.90	ug/l	96
53) t-1,3-Dichloropropene	10.471	75	136958	50.22	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	154492	50.56	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	78682	54.04	ug/l	98
56) Ethyl methacrylate	10.514	69	100950	49.60	ug/l	93
57) 1,3-Dichloropropane	10.795	76	131527	52.75	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	188251	235.25	ug/l	93
59) 2-Hexanone	10.837	43	228757	230.99	ug/l	96
60) Dibromochloromethane	10.990	129	101271	55.40	ug/l	99
61) 1,2-Dibromoethane	11.093	107	75957	53.57	ug/l	98
64) Tetrachloroethene	10.721	164	128197	56.79	ug/l	93
65) Chlorobenzene	11.520	112	278421	53.88	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	105516	54.58	ug/l	99
67) Ethyl Benzene	11.599	91	482817	50.88	ug/l	98
68) m/p-Xylenes	11.709	106	374007	103.36	ug/l	94
69) o-Xylene	12.032	106	178506	52.19	ug/l	95
70) Styrene	12.050	104	306665	52.35	ug/l	97
71) Bromoform	12.209	173	61687	53.33	ug/l #	100
73) Isopropylbenzene	12.331	105	481743	51.63	ug/l	99
74) N-amyl acetate	12.148	43	118243	44.24	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	76843	47.40	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	62136m	48.26	ug/l	
77) Bromobenzene	12.611	156	118261	54.86	ug/l	95
78) n-propylbenzene	12.672	91	556177	50.59	ug/l	97
79) 2-Chlorotoluene	12.758	91	315324	51.09	ug/l	96
80) 1,3,5-Trimethylbenzene	12.813	105	406221	51.33	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	30070	46.10	ug/l	99
82) 4-Chlorotoluene	12.855	91	330334	50.57	ug/l	96
83) tert-Butylbenzene	13.075	119	355298	52.18	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	412361	52.02	ug/l	97
85) sec-Butylbenzene	13.258	105	482737	51.41	ug/l	99
86) p-Isopropyltoluene	13.373	119	447410	51.39	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	222450	53.45	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	221865	53.42	ug/l	98
89) n-Butylbenzene	13.697	91	404854	48.87	ug/l	99
90) Hexachloroethane	13.965	117	81478	52.08	ug/l	85
91) 1,2-Dichlorobenzene	13.739	146	200169	54.23	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	14625	47.75	ug/l	88
93) 1,2,4-Trichlorobenzene	15.007	180	134746	53.83	ug/l	98
94) Hexachlorobutadiene	15.111	225	72089	51.37	ug/l	100
95) Naphthalene	15.239	128	267196	53.87	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	116195	55.20	ug/l	99

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

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