

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040921\
 Data File : VY004373.D
 Acq On : 09 Apr 2021 21:11
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/12/2021 2:53:25 PM

Quant Time: Apr 10 02:07:44 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	7.801	168	191360	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	317498	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	286694	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	134613	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	97855	53.19	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.38%			
35) Dibromofluoromethane	7.728	113	79233	44.79	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 89.58%			
50) Toluene-d8	10.185	98	311308	46.79	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 93.58%			
62) 4-Bromofluorobenzene	12.483	95	114254	50.10	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.20%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	75987	45.85	ug/l	98
3) Chloromethane	2.119	50	113158	50.59	ug/l	100
4) Vinyl Chloride	2.259	62	138972	55.74	ug/l	95
5) Bromomethane	2.656	94	61120	44.57	ug/l	99
6) Chloroethane	2.802	64	78007	48.26	ug/l	98
7) Trichlorofluoromethane	3.131	101	162565	50.17	ug/l	98
8) Diethyl Ether	3.540	74	59153	56.89	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.906	101	89635	50.81	ug/l	98
10) Methyl Iodide	4.101	142	106168	52.08	ug/l	100
11) Tert butyl alcohol	4.972	59	60487	404.08	ug/l	99
12) 1,1-Dichloroethene	3.881	96	87554	50.58	ug/l	92
13) Acrolein	3.741	56	24075	194.61	ug/l	94
14) Allyl chloride	4.491	41	172119	62.41	ug/l	94
15) Acrylonitrile	5.180	53	167127	337.73	ug/l	99
16) Acetone	3.954	43	144393	376.76	ug/l	99
17) Carbon Disulfide	4.204	76	242810	53.35	ug/l	99
18) Methyl Acetate	4.491	43	89953	73.33	ug/l	97
19) Methyl tert-butyl Ether	5.235	73	301158	58.90	ug/l	96
20) Methylene Chloride	4.729	84	112718	60.55	ug/l	95
21) trans-1,2-Dichloroethene	5.228	96	102268	52.63	ug/l	89
22) Diisopropyl ether	6.131	45	394716	65.17	ug/l	96
23) Vinyl Acetate	6.076	43	1308146	321.07	ug/l	98
24) 1,1-Dichloroethane	6.033	63	195867	59.35	ug/l	99
25) 2-Butanone	7.003	43	234305	365.96	ug/l	97
26) 2,2-Dichloropropane	6.996	77	163835	53.05	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	121164	55.07	ug/l	95
28) Bromochloromethane	7.344	49	82896	61.79	ug/l	89
29) Tetrahydrofuran	7.362	42	160389	355.57	ug/l	93
30) Chloroform	7.515	83	196694	56.02	ug/l	98
31) Cyclohexane	7.795	56	171865	52.86	ug/l	97
32) 1,1,1-Trichloroethane	7.710	97	174833	54.42	ug/l	98
36) 1,1-Dichloropropene	7.923	75	147941	51.04	ug/l	98
37) Ethyl Acetate	7.088	43	102501	60.28	ug/l	99
38) Carbon Tetrachloride	7.911	117	135985	53.95	ug/l	97
39) Methylcyclohexane	9.191	83	176662	49.23	ug/l	98
40) Benzene	8.167	78	436615	53.15	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	56163m	59.62	ug/l	
42) 1,2-Dichloroethane	8.246	62	141741	54.90	ug/l	100
43) Isopropyl Acetate	8.283	43	206301	64.08	ug/l	97
44) Trichloroethene	8.947	130	118212	45.19	ug/l	94
45) 1,2-Dichloropropane	9.222	63	116426	57.34	ug/l	94
46) Dibromomethane	9.313	93	62847	52.64	ug/l	95
47) Bromodichloromethane	9.502	83	157615	55.34	ug/l	98
48) Methyl methacrylate	9.295	41	95749	65.49	ug/l	96
49) 1,4-Dioxane	9.307	88	18222	1384.67	ug/l	92
51) 4-Methyl-2-Pentanone	10.075	43	542242	330.59	ug/l	97
52) Toluene	10.246	92	282112	53.41	ug/l	98
53) t-1,3-Dichloropropene	10.471	75	169138	55.69	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	186009	54.81	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	89415	54.67	ug/l	99
56) Ethyl methacrylate	10.514	69	135139	60.22	ug/l	96
57) 1,3-Dichloropropane	10.794	76	158033	56.00	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	192581	200.58	ug/l	95
59) 2-Hexanone	10.837	43	375157	332.70	ug/l	97
60) Dibromochloromethane	10.990	129	106236	54.18	ug/l	99
61) 1,2-Dibromoethane	11.093	107	86830	53.79	ug/l	98
64) Tetrachloroethene	10.721	164	117184	41.54	ug/l	99
65) Chlorobenzene	11.520	112	285377	49.91	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	105505	51.51	ug/l	99
67) Ethyl Benzene	11.593	91	530562	51.10	ug/l	99
68) m/p-Xylenes	11.703	106	394127	98.86	ug/l	97
69) o-Xylene	12.032	106	188404	50.51	ug/l	97
70) Styrene	12.044	104	319764	51.52	ug/l	99
71) Bromoform	12.209	173	64395	55.21	ug/l #	97
73) Isopropylbenzene	12.331	105	503362	51.18	ug/l	98
74) N-amyl acetate	12.148	43	183135	63.72	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	103007	56.59	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	73387m	60.04	ug/l	
77) Bromobenzene	12.611	156	115055	49.97	ug/l	91
78) n-propylbenzene	12.672	91	587760	51.66	ug/l	98
79) 2-Chlorotoluene	12.758	91	330661	52.90	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	415870	51.84	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	40527	61.10	ug/l	93
82) 4-Chlorotoluene	12.855	91	345873	52.57	ug/l	97
83) tert-Butylbenzene	13.075	119	346871	50.04	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	416085	51.71	ug/l	99
85) sec-Butylbenzene	13.257	105	488245	51.16	ug/l	98
86) p-Isopropyltoluene	13.373	119	439585	49.52	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	208601	48.56	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	209917	49.47	ug/l	99
89) n-Butylbenzene	13.696	91	410437	50.27	ug/l	99
90) Hexachloroethane	13.965	117	60684	73.07	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	191807	49.74	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	17923	52.77	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	118961	43.41	ug/l	99
94) Hexachlorobutadiene	15.111	225	62310	42.76	ug/l	99
95) Naphthalene	15.239	128	283499	48.77	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	105996	42.33	ug/l	99

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

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