

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022421\
 Data File : VY004044.D
 Acq On : 24 Feb 2021 10:16
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 2/25/2021 12:17:46 PM

Quant Time: Feb 25 01:11:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 23 03:42:58 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	63309	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	95021	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	86975	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	44281	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	36286	51.36	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.72%			
35) Dibromofluoromethane	7.722	113	29429	51.37	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.74%			
50) Toluene-d8	10.179	98	118940	51.78	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.56%			
62) 4-Bromofluorobenzene	12.477	95	41326	50.93	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.86%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	29787	49.58	ug/l	96
3) Chloromethane	2.113	50	47716	53.17	ug/l	99
4) Vinyl Chloride	2.253	62	47331	54.38	ug/l	100
5) Bromomethane	2.650	94	31427	53.85	ug/l	95
6) Chloroethane	2.796	64	29621	56.35	ug/l	97
7) Trichlorofluoromethane	3.131	101	60631	55.70	ug/l	97
8) Diethyl Ether	3.527	74	18704	53.70	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.905	101	30942	53.16	ug/l	99
10) Methyl Iodide	4.094	142	40009	54.72	ug/l	99
11) Tert butyl alcohol	4.960	59	16430	234.69	ug/l	98
12) 1,1-Dichloroethene	3.881	96	30754	52.62	ug/l	95
13) Acrolein	3.735	56	17579	250.18	ug/l	95
14) Allyl chloride	4.485	41	56916	51.37	ug/l	97
15) Acrylonitrile	5.167	53	46169	251.45	ug/l	98
16) Acetone	3.948	43	53285	298.45	ug/l	99
17) Carbon Disulfide	4.198	76	95139	50.38	ug/l	99
18) Methyl Acetate	4.479	43	20699	49.33	ug/l	99
19) Methyl tert-butyl Ether	5.222	73	88763	51.73	ug/l	98
20) Methylene Chloride	4.716	84	34038	47.16	ug/l	98
21) trans-1,2-Dichloroethene	5.228	96	33864	51.54	ug/l	96
22) Diisopropyl ether	6.118	45	111574	51.24	ug/l	95
23) Vinyl Acetate	6.064	43	378693	256.82	ug/l	98
24) 1,1-Dichloroethane	6.027	63	60098	51.60	ug/l	99
25) 2-Butanone	6.990	43	69172	271.88	ug/l	99
26) 2,2-Dichloropropane	6.984	77	58095	53.94	ug/l	97
27) cis-1,2-Dichloroethene	6.990	96	37804	52.39	ug/l	100
28) Bromochloromethane	7.338	49	24593	47.78	ug/l	97
29) Tetrahydrofuran	7.350	42	39666	241.57	ug/l	99
30) Chloroform	7.508	83	62822	53.18	ug/l	99
31) Cyclohexane	7.783	56	57960	48.89	ug/l	97
32) 1,1,1-Trichloroethane	7.704	97	57718	53.19	ug/l	99
36) 1,1-Dichloropropene	7.917	75	48678	51.16	ug/l	100
37) Ethyl Acetate	7.076	43	27549	48.97	ug/l	99
38) Carbon Tetrachloride	7.905	117	52184	53.11	ug/l	99
39) Methylcyclohexane	9.179	83	59937	52.14	ug/l	98
40) Benzene	8.161	78	135636	51.33	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	14161m	47.63	ug/l	
42) 1,2-Dichloroethane	8.240	62	45703	52.65	ug/l	99
43) Isopropyl Acetate	8.271	43	53927	50.87	ug/l	100
44) Trichloroethene	8.941	130	37916	51.94	ug/l	99
45) 1,2-Dichloropropane	9.216	63	33988	52.47	ug/l	100
46) Dibromomethane	9.307	93	18676	51.55	ug/l	99
47) Bromodichloromethane	9.496	83	48995	52.89	ug/l	99
48) Methyl methacrylate	9.289	41	26190	50.51	ug/l	97
49) 1,4-Dioxane	9.301	88	4469	1023.26	ug/l	99
51) 4-Methyl-2-Pentanone	10.069	43	139467	254.72	ug/l	100
52) Toluene	10.240	92	87538	52.98	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	52498	52.68	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	58721	52.65	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	26684	51.98	ug/l	98
56) Ethyl methacrylate	10.508	69	38754	52.87	ug/l	98
57) 1,3-Dichloropropane	10.788	76	47616	52.38	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	74481	224.01	ug/l	100
59) 2-Hexanone	10.831	43	101521	263.07	ug/l	98
60) Dibromochloromethane	10.983	129	34830	53.76	ug/l	99
61) 1,2-Dibromoethane	11.087	107	26228	52.11	ug/l	98
64) Tetrachloroethene	10.715	164	42056	52.45	ug/l	99
65) Chlorobenzene	11.514	112	92048	52.54	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	35642	53.25	ug/l	98
67) Ethyl Benzene	11.587	91	173282	52.72	ug/l	100
68) m/p-Xylenes	11.697	106	128766	106.22	ug/l	99
69) o-Xylene	12.026	106	60393	53.02	ug/l	99
70) Styrene	12.044	104	103975	53.14	ug/l	98
71) Bromoform	12.209	173	22516	52.60	ug/l #	100
73) Isopropylbenzene	12.325	105	166957	53.11	ug/l	99
74) N-amyl acetate	12.142	43	50028	52.67	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	28853	50.41	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	22868m	51.45	ug/l	
77) Bromobenzene	12.605	156	40961	52.94	ug/l	100
78) n-propylbenzene	12.666	91	200583	53.29	ug/l	100
79) 2-Chlorotoluene	12.751	91	111854	52.38	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	143119	53.37	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	11948	49.91	ug/l	93
82) 4-Chlorotoluene	12.855	91	118770	53.01	ug/l	100
83) tert-Butylbenzene	13.075	119	123135	53.62	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	143337	53.35	ug/l	100
85) sec-Butylbenzene	13.251	105	168325	53.51	ug/l	100
86) p-Isopropyltoluene	13.367	119	159224	54.35	ug/l	100
87) 1,3-Dichlorobenzene	13.361	146	77911	52.86	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	77239	52.76	ug/l	100
89) n-Butylbenzene	13.690	91	149191	54.84	ug/l	99
90) Hexachloroethane	13.959	117	27925	53.46	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	67947	52.11	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5710	52.09	ug/l	100
93) 1,2,4-Trichlorobenzene	15.001	180	49532	52.89	ug/l	99
94) Hexachlorobutadiene	15.105	225	31693	53.58	ug/l	100
95) Naphthalene	15.233	128	87603	51.30	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	41426	51.86	ug/l	99

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

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