

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011421\
 Data File : VY003931.D
 Acq On : 14 Jan 2021 19:56
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/15/2021 5:45:24 PM

Quant Time: Jan 15 01:00:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 12 11:47:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	171121	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	269014	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	250509	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	130765	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	155399	58.46	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.92%			
35) Dibromofluoromethane	7.722	113	124858	56.79	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.58%			
50) Toluene-d8	10.179	98	497996	55.90	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 111.80%			
62) 4-Bromofluorobenzene	12.477	95	177353	54.51	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.02%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	104225	49.42	ug/l	98
3) Chloromethane	2.113	50	169849	66.02	ug/l	99
4) Vinyl Chloride	2.253	62	182946	59.77	ug/l	100
5) Bromomethane	2.662	94	124003	56.31	ug/l	96
6) Chloroethane	2.796	64	121101	64.27	ug/l	97
7) Trichlorofluoromethane	3.131	101	212519	53.04	ug/l	100
8) Diethyl Ether	3.534	74	77202	60.07	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.905	101	117239	56.46	ug/l	91
10) Methyl Iodide	4.094	142	137262	55.55	ug/l	99
11) Tert butyl alcohol	5.003	59	56911m	205.93	ug/l	
12) 1,1-Dichloroethene	3.881	96	117796	58.09	ug/l	86
13) Acrolein	3.741	56	63892	242.98	ug/l	98
14) Allyl chloride	4.485	41	255242	58.16	ug/l	96
15) Acrylonitrile	5.180	53	203790	283.60	ug/l	100
16) Acetone	3.972	43	152930	232.66	ug/l	97
17) Carbon Disulfide	4.198	76	385980	57.14	ug/l	100
18) Methyl Acetate	4.491	43	97195	55.60	ug/l	100
19) Methyl tert-butyl Ether	5.228	73	378636	59.97	ug/l	98
20) Methylene Chloride	4.722	84	145835	59.22	ug/l #	86
21) trans-1,2-Dichloroethene	5.228	96	135068	58.12	ug/l	87
22) Diisopropyl ether	6.131	45	536938	62.77	ug/l	96
23) Vinyl Acetate	6.070	43	1806756	304.97	ug/l	97
24) 1,1-Dichloroethane	6.027	63	264075	61.62	ug/l	99
25) 2-Butanone	7.002	43	261289	255.13	ug/l	91
26) 2,2-Dichloropropane	6.984	77	220513	55.01	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	154819	60.41	ug/l	92
28) Bromochloromethane	7.338	49	125536	63.10	ug/l #	78
29) Tetrahydrofuran	7.356	42	185438	269.32	ug/l	95
30) Chloroform	7.508	83	257272	59.79	ug/l	99
31) Cyclohexane	7.789	56	248292	55.70	ug/l	95
32) 1,1,1-Trichloroethane	7.710	97	224669	56.04	ug/l	97
36) 1,1-Dichloropropene	7.923	75	202161	54.90	ug/l	97
37) Ethyl Acetate	7.082	43	148151	59.78	ug/l	95
38) Carbon Tetrachloride	7.905	117	192059	49.27	ug/l	99
39) Methylcyclohexane	9.185	83	247476	55.87	ug/l	96
40) Benzene	8.161	78	580700	57.57	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	72776m	52.22	ug/l	
42) 1,2-Dichloroethane	8.240	62	189591	54.62	ug/l	99
43) Isopropyl Acetate	8.277	43	267461	56.68	ug/l	95
44) Trichloroethene	8.941	130	146097	52.96	ug/l	89
45) 1,2-Dichloropropane	9.215	63	155306	59.39	ug/l	96
46) Dibromomethane	9.307	93	80800	55.61	ug/l	89
47) Bromodichloromethane	9.496	83	206509	56.94	ug/l	99
48) Methyl methacrylate	9.295	41	123582	55.33	ug/l	95
49) 1,4-Dioxane	9.319	88	19318	981.81	ug/l #	69
51) 4-Methyl-2-Pentanone	10.069	43	693756	277.21	ug/l	97
52) Toluene	10.240	92	354926	55.55	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	221537	56.56	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	249885	58.48	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	113608	57.61	ug/l	95
56) Ethyl methacrylate	10.508	69	175819	59.26	ug/l	93
57) 1,3-Dichloropropane	10.788	76	207479	57.83	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	417009	283.10	ug/l	93
59) 2-Hexanone	10.831	43	477685	274.18	ug/l	96
60) Dibromochloromethane	10.983	129	135894	53.22	ug/l	98
61) 1,2-Dibromoethane	11.087	107	109544	56.57	ug/l	99
64) Tetrachloroethene	10.715	164	150288	49.35	ug/l	94
65) Chlorobenzene	11.514	112	367057	55.30	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	139817	55.20	ug/l	97
67) Ethyl Benzene	11.587	91	703746	56.45	ug/l	96
68) m/p-Xylenes	11.697	106	513621	111.16	ug/l	96
69) o-Xylene	12.026	106	243102	56.13	ug/l	97
70) Styrene	12.044	104	412733	55.56	ug/l	97
71) Bromoform	12.203	173	84749	50.90	ug/l #	100
73) Isopropylbenzene	12.325	105	657869	56.06	ug/l	98
74) N-amyl acetate	12.142	43	251289	59.85	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	134883	60.57	ug/l	97
76) 1,2,3-Trichloropropane	12.629	75	94420m	53.40	ug/l	
77) Bromobenzene	12.605	156	152721	53.30	ug/l	81
78) n-propylbenzene	12.666	91	801110	57.01	ug/l	96
79) 2-Chlorotoluene	12.751	91	453185	57.21	ug/l	95
80) 1,3,5-Trimethylbenzene	12.806	105	554111	54.58	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	52455	56.32	ug/l #	93
82) 4-Chlorotoluene	12.849	91	473921	56.22	ug/l	95
83) tert-Butylbenzene	13.074	119	468772	54.54	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	561076	55.71	ug/l	97
85) sec-Butylbenzene	13.251	105	658189	55.69	ug/l	96
86) p-Isopropyltoluene	13.367	119	592033	53.18	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	287543	52.02	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	288339	53.17	ug/l	98
89) n-Butylbenzene	13.690	91	579477	54.80	ug/l	98
90) Hexachloroethane	13.958	117	113000	56.05	ug/l	88
91) 1,2-Dichlorobenzene	13.733	146	260911	53.95	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	24289	51.81	ug/l	86
93) 1,2,4-Trichlorobenzene	15.001	180	171630	48.16	ug/l	98
94) Hexachlorobutadiene	15.105	225	106511	45.19	ug/l	98
95) Naphthalene	15.233	128	355368	52.92	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	149349	47.60	ug/l	99

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

