

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040920\
 Data File : VY002273.D
 Acq On : 09 Apr 2020 15:37
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 10 09:32:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	170852	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	314147	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	277548	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	125308	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	95063	50.03	ug/l	0.00
Spiked Amount			Recovery	=	100.06%	
35) Dibromofluoromethane	7.74	113	90991	48.68	ug/l	0.00
Spiked Amount			Recovery	=	97.36%	
50) Toluene-d8	10.19	98	376897	48.17	ug/l	0.00
Spiked Amount			Recovery	=	96.34%	
62) 4-Bromofluorobenzene	12.49	95	123959	48.02	ug/l	0.00
Spiked Amount			Recovery	=	96.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	84943	49.193	ug/l	99
3) Chloromethane	2.13	50	104900	48.270	ug/l	99
4) Vinyl Chloride	2.26	62	113923	49.251	ug/l	97
5) Bromomethane	2.66	94	69803	48.867	ug/l	99
6) Chloroethane	2.81	64	66350	49.737	ug/l	100
7) Trichlorofluoromethane	3.14	101	145852	48.825	ug/l	98
8) Diethyl Ether	3.55	74	64729	50.970	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.92	101	97136	47.870	ug/l	99
10) Methyl Iodide	4.11	142	117473	49.805	ug/l	99
11) Tert butyl alcohol	4.98	59	57421	288.916	ug/l	97
12) 1,1-Dichloroethene	3.89	96	100932	48.925	ug/l	99
13) Acrolein	3.75	56	54771	223.573	ug/l	99
14) Allyl chloride	4.50	41	176037	52.842	ug/l	98
15) Acrylonitrile	5.19	53	168556	259.548	ug/l	99
16) Acetone	3.97	43	128616	257.013	ug/l	98
17) Carbon Disulfide	4.21	76	334787	48.864	ug/l	99
18) Methyl Acetate	4.50	43	82188	52.949	ug/l	98
19) Methyl tert-butyl Ether	5.24	73	280965	51.805	ug/l	98
20) Methylene Chloride	4.74	84	116201	47.243	ug/l	97
21) trans-1,2-Dichloroethene	5.24	96	112871	48.744	ug/l	94
22) Diisopropyl ether	6.14	45	352323	52.552	ug/l	97
23) Vinyl Acetate	6.08	43	1158685	271.206	ug/l	99
24) 1,1-Dichloroethane	6.04	63	195370	51.234	ug/l	97
25) 2-Butanone	7.00	43	209262	264.237	ug/l	97
26) 2,2-Dichloropropane	7.00	77	155108	48.625	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	123598	48.965	ug/l	98
28) Bromochloromethane	7.35	49	83439	50.688	ug/l	93
29) Tetrahydrofuran	7.36	42	140504	268.395	ug/l	97
30) Chloroform	7.52	83	183689	51.101	ug/l	99
31) Cyclohexane	7.80	56	193477	48.336	ug/l	98
32) 1,1,1-Trichloroethane	7.72	97	151871	50.760	ug/l	100
36) 1,1-Dichloropropene	7.93	75	150929	48.776	ug/l	99
37) Ethyl Acetate	7.09	43	93589	52.943	ug/l	99
38) Carbon Tetrachloride	7.92	117	131405	49.647	ug/l	99

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39) Methylcyclohexane	9.19	83	201357	47.837	ug/l	98
40) Benzene	8.18	78	454887	48.454	ug/l	100
41) Methacrylonitrile	7.35	41	55672m	53.387	ug/l	
42) 1,2-Dichloroethane	8.25	62	118535	50.970	ug/l	98
43) Isopropyl Acetate	8.28	43	171758	53.276	ug/l	97
44) Trichloroethene	8.95	130	127938	46.352	ug/l	99
45) 1,2-Dichloropropane	9.23	63	115976	49.789	ug/l	97
46) Dibromomethane	9.32	93	59951	49.224	ug/l	99
47) Bromodichloromethane	9.51	83	141279	50.555	ug/l	98
48) Methyl methacrylate	9.30	41	76269	52.760	ug/l	97
49) 1,4-Dioxane	9.32	88	17079	991.340	ug/l	99
51) 4-Methyl-2-Pentanone	10.08	43	450831	268.364	ug/l	99
52) Toluene	10.25	92	276735	48.912	ug/l	97
53) t-1,3-Dichloropropene	10.47	75	155688	51.132	ug/l	97
54) cis-1,3-Dichloropropene	9.94	75	185183	50.589	ug/l	97
55) 1,1,2-Trichloroethane	10.66	97	88622	49.701	ug/l	99
56) Ethyl methacrylate	10.52	69	132625	52.114	ug/l	98
57) 1,3-Dichloropropane	10.80	76	156512	49.938	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	343584	260.710	ug/l	98
59) 2-Hexanone	10.85	43	308502	264.601	ug/l	99
60) Dibromochloromethane	11.00	129	96091	50.539	ug/l	100
61) 1,2-Dibromoethane	11.10	107	84320	49.672	ug/l	99
64) Tetrachloroethene	10.73	164	133762	47.669	ug/l	98
65) Chlorobenzene	11.52	112	280697	48.653	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	94455	49.587	ug/l	99
67) Ethyl Benzene	11.60	91	522215	49.443	ug/l	99
68) m/p-Xylenes	11.71	106	381682	96.484	ug/l	100
69) o-Xylene	12.04	106	181926	48.984	ug/l	99
70) Styrene	12.05	104	315083	48.899	ug/l	99
71) Bromoform	12.22	173	52832	51.002	ug/l #	99
73) Isopropylbenzene	12.34	105	479113	48.669	ug/l	99
74) N-amyl acetate	12.15	43	144158	51.588	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.59	83	64663	54.291	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	69214m	47.566	ug/l	
77) Bromobenzene	12.62	156	105831	48.864	ug/l	99
78) n-propylbenzene	12.68	91	591392	48.303	ug/l	100
79) 2-Chlorotoluene	12.77	91	326509	49.072	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	399482	49.067	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	39172	52.360	ug/l	95
82) 4-Chlorotoluene	12.86	91	334155	47.916	ug/l	100
83) tert-Butylbenzene	13.08	119	330877	48.519	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	395337	48.627	ug/l	100
85) sec-Butylbenzene	13.27	105	490096	48.243	ug/l	100
86) p-Isopropyltoluene	13.38	119	421129	48.165	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	200154	47.685	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	199186	46.749	ug/l	99
89) n-Butylbenzene	13.70	91	428271	47.786	ug/l	100
90) Hexachloroethane	13.97	117	80676	48.421	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	181811	47.668	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.37	75	14215	49.348	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	113009	45.331	ug/l	99
94) Hexachlorobutadiene	15.13	225	57420	45.730	ug/l	99
95) Naphthalene	15.25	128	260208	47.670	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	97587	45.081	ug/l	100

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

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