

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY090420\
 Data File : VY003434.D
 Acq On : 04 Sep 2020 16:04
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: Sep 05 00:42:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y090420S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 05 00:29:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	620054	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	1025742	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	922740	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	439191	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	323703	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	
35) Dibromofluoromethane	7.72	113	310010	52.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.66%	
50) Toluene-d8	10.18	98	1257438	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
62) 4-Bromofluorobenzene	12.48	95	424942	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	215812	41.386	ug/l	100
3) Chloromethane	2.11	50	278823	37.276	ug/l	100
4) Vinyl Chloride	2.25	62	271464	43.649	ug/l	100
5) Bromomethane	2.65	94	191066	39.778	ug/l	100
6) Chloroethane	2.79	64	128007	42.755	ug/l	100
7) Trichlorofluoromethane	3.13	101	414944	42.669	ug/l	100
8) Diethyl Ether	3.53	74	183101	45.619	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.90	101	292654	46.350	ug/l	100
10) Methyl Iodide	4.09	142	251344	60.998	ug/l	100
11) Tert butyl alcohol	4.96	59	166605	153.662	ug/l	100
12) 1,1-Dichloroethene	3.87	96	307805	47.690	ug/l	100
13) Acrolein	3.73	56	107396	201.792	ug/l	100
14) Allyl chloride	4.49	41	435087	38.824	ug/l	100
15) Acrylonitrile	5.18	53	485487	228.830	ug/l	100
16) Acetone	3.96	43	353790	190.292	ug/l	100
17) Carbon Disulfide	4.19	76	967014	46.621	ug/l	100
18) Methyl Acetate	4.48	43	189397	38.716	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	809226	46.424	ug/l	100
20) Methylene Chloride	4.72	84	370822	36.818	ug/l	100
21) trans-1,2-Dichloroethene	5.22	96	357904	48.555	ug/l	100
22) Diisopropyl ether	6.12	45	940094	40.800	ug/l	100
23) Vinyl Acetate	6.07	43	3155298	210.763	ug/l	100
24) 1,1-Dichloroethane	6.02	63	549719	43.873	ug/l	100
25) 2-Butanone	6.99	43	750121	251.747	ug/l	100
26) 2,2-Dichloropropane	6.99	77	514252	47.500	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	404572	49.166	ug/l	100
28) Bromochloromethane	7.34	49	324717	51.616	ug/l	100
29) Tetrahydrofuran	7.35	42	501433	256.574	ug/l	100
30) Chloroform	7.51	83	605661	49.082	ug/l	100
31) Cyclohexane	7.78	56	628500	46.819	ug/l	100
32) 1,1,1-Trichloroethane	7.71	97	516932	49.273	ug/l	100
36) 1,1-Dichloropropene	7.92	75	497953	49.564	ug/l	100
37) Ethyl Acetate	7.08	43	329924	51.567	ug/l	100
38) Carbon Tetrachloride	7.90	117	454173	49.585	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	657298	50.589	ug/l	100
40) Benzene	8.16	78	1489793	49.735	ug/l	100
41) Methacrylonitrile	7.33	41	213837m	60.475	ug/l	
42) 1,2-Dichloroethane	8.24	62	393642	49.163	ug/l	100
43) Isopropyl Acetate	8.28	43	599731	51.870	ug/l	100
44) Trichloroethene	8.94	130	395970	49.384	ug/l	100
45) 1,2-Dichloropropane	9.22	63	386686	50.076	ug/l	100
46) Dibromomethane	9.31	93	203944	50.409	ug/l	100
47) Bromodichloromethane	9.50	83	475448	50.302	ug/l	100
48) Methyl methacrylate	9.29	41	277140	51.779	ug/l	100
49) 1,4-Dioxane	9.30	88	58654	1050.420	ug/l	100
51) 4-Methyl-2-Pentanone	10.07	43	1614198	256.854	ug/l	100
52) Toluene	10.24	92	898477	49.413	ug/l	100
53) t-1,3-Dichloropropene	10.46	75	523228	51.534	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	609013	50.753	ug/l	100
55) 1,1,2-Trichloroethane	10.64	97	296238	50.408	ug/l	100
56) Ethyl methacrylate	10.51	69	428776	53.948	ug/l	100
57) 1,3-Dichloropropane	10.79	76	516754	50.109	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	1103490	257.097	ug/l	100
59) 2-Hexanone	10.83	43	1126606	263.130	ug/l	100
60) Dibromochloromethane	10.98	129	341462	51.422	ug/l	100
61) 1,2-Dibromoethane	11.09	107	278917	50.634	ug/l	100
64) Tetrachloroethene	10.72	164	383192	49.128	ug/l	100
65) Chlorobenzene	11.52	112	960673	49.579	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	335887	49.831	ug/l	100
67) Ethyl Benzene	11.59	91	1732711	50.001	ug/l	100
68) m/p-Xylenes	11.70	106	1302681	99.631	ug/l	100
69) o-Xylene	12.03	106	616268	49.958	ug/l	100
70) Styrene	12.04	104	1045923	51.346	ug/l	100
71) Bromoform	12.20	173	210845	52.416	ug/l #	100
73) Isopropylbenzene	12.33	105	1650433	50.614	ug/l	100
74) N-amyl acetate	12.14	43	532868	52.991	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	342721	51.710	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	227853m	47.263	ug/l	
77) Bromobenzene	12.61	156	387658	50.591	ug/l	100
78) n-propylbenzene	12.67	91	2002132	50.309	ug/l	100
79) 2-Chlorotoluene	12.75	91	1105263	50.509	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	1362636	50.545	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	127755	52.003	ug/l	100
82) 4-Chlorotoluene	12.85	91	1165034	49.994	ug/l	100
83) tert-Butylbenzene	13.07	119	1168103	50.570	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	1365050	50.237	ug/l	100
85) sec-Butylbenzene	13.25	105	1678134	50.215	ug/l	100
86) p-Isopropyltoluene	13.36	119	1495941	50.350	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	728140	49.023	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	732105	48.973	ug/l	100
89) n-Butylbenzene	13.69	91	1483020	49.658	ug/l	100
90) Hexachloroethane	13.95	117	273486	50.644	ug/l	100
91) 1,2-Dichlorobenzene	13.73	146	666810	49.325	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	54921	50.370	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	449321	49.135	ug/l	100
94) Hexachlorobutadiene	15.11	225	232191	47.433	ug/l	100
95) Naphthalene	15.23	128	995707	52.228	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	397163	48.896	ug/l	100

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

