

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042320\
 Data File : VY002457.D
 Acq On : 23 Apr 2020 12:25
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 4/24/2020 1:33:31 PM

Quant Time: Apr 23 12:58:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 12:46:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	287890	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	419096	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	381583	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	198701	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	115588	45.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.68%	
35) Dibromofluoromethane	7.75	113	112859	47.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.16%	
50) Toluene-d8	10.20	98	439715	46.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.00%	
62) 4-Bromofluorobenzene	12.49	95	145078	45.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	103663	48.689	ug/l	100
3) Chloromethane	2.13	50	131387	48.299	ug/l	100
4) Vinyl Chloride	2.27	62	80585	42.411	ug/l	100
5) Bromomethane	2.67	94	49772	48.512	ug/l	100
6) Chloroethane	2.82	64	45989	46.090	ug/l	100
7) Trichlorofluoromethane	3.15	101	194745	56.509	ug/l	100
8) Diethyl Ether	3.55	74	73112	51.862	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.93	101	126931	53.310	ug/l	100
10) Methyl Iodide	4.12	142	191481	51.900	ug/l	100
11) Tert butyl alcohol	5.00	59	49910	212.863	ug/l	100
12) 1,1-Dichloroethene	3.90	96	127027	52.142	ug/l	100
13) Acrolein	3.76	56	48425	268.284	ug/l	100
14) Allyl chloride	4.52	41	178545	49.258	ug/l	100
15) Acrylonitrile	5.21	53	162727	239.080	ug/l	100
16) Acetone	3.97	43	127114	251.062	ug/l	100
17) Carbon Disulfide	4.23	76	389297	50.727	ug/l	100
18) Methyl Acetate	4.51	43	75903	45.053	ug/l	100
19) Methyl tert-butyl Ether	5.27	73	322428	48.930	ug/l	100
20) Methylene Chloride	4.75	84	132623	42.872	ug/l	100
21) trans-1,2-Dichloroethene	5.26	96	136144	48.820	ug/l	100
22) Diisopropyl ether	6.16	45	340954	47.341	ug/l	100
23) Vinyl Acetate	6.10	43	1093998	242.177	ug/l	100
24) 1,1-Dichloroethane	6.05	63	214906	49.216	ug/l	100
25) 2-Butanone	7.02	43	182527	230.701	ug/l	100
26) 2,2-Dichloropropane	7.02	77	205178	49.392	ug/l	100
27) cis-1,2-Dichloroethene	7.02	96	147913	48.790	ug/l	100
28) Bromochloromethane	7.36	49	81952	47.747	ug/l	100
29) Tetrahydrofuran	7.38	42	122053	231.648	ug/l	100
30) Chloroform	7.54	83	225616	48.627	ug/l	100
31) Cyclohexane	7.82	56	200265	45.281	ug/l	100
32) 1,1,1-Trichloroethane	7.73	97	218535	50.170	ug/l	100
36) 1,1-Dichloropropene	7.95	75	177537	49.359	ug/l	100
37) Ethyl Acetate	7.11	43	82734	46.639	ug/l	100
38) Carbon Tetrachloride	7.93	117	207141	50.380	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	236420	50.586	ug/l	100
40) Benzene	8.19	78	509935	49.129	ug/l	100
41) Methacrylonitrile	7.36	41	51837m	24.273	ug/l	
42) 1,2-Dichloroethane	8.27	62	146851	48.879	ug/l	100
43) Isopropyl Acetate	8.30	43	157242	47.506	ug/l	100
44) Trichloroethene	8.96	130	160481	49.324	ug/l	100
45) 1,2-Dichloropropane	9.24	63	117311	48.977	ug/l	100
46) Dibromomethane	9.33	93	68812	49.508	ug/l	100
47) Bromodichloromethane	9.52	83	174053	49.960	ug/l	100
48) Methyl methacrylate	9.31	41	73079	48.459	ug/l	100
49) 1,4-Dioxane	9.32	88	17934	1025.628	ug/l	100
51) 4-Methyl-2-Pentanone	10.09	43	408287	238.024	ug/l	100
52) Toluene	10.26	92	330542	49.667	ug/l	100
53) t-1,3-Dichloropropene	10.48	75	182131	50.266	ug/l	100
54) cis-1,3-Dichloropropene	9.95	75	208895	49.973	ug/l	100
55) 1,1,2-Trichloroethane	10.66	97	98039	47.629	ug/l	100
56) Ethyl methacrylate	10.52	69	135431	48.661	ug/l	100
57) 1,3-Dichloropropane	10.81	76	165894	47.770	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	319430	234.978	ug/l	100
59) 2-Hexanone	10.85	43	281774	237.425	ug/l	100
60) Dibromochloromethane	11.00	129	133218	49.665	ug/l	100
61) 1,2-Dibromoethane	11.10	107	97603	47.924	ug/l	100
64) Tetrachloroethene	10.74	164	172055	49.033	ug/l	100
65) Chlorobenzene	11.53	112	361835	49.216	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	138035	50.324	ug/l	100
67) Ethyl Benzene	11.61	91	653767	50.120	ug/l	100
68) m/p-Xylenes	11.72	106	498001	99.111	ug/l	100
69) o-Xylene	12.04	106	233490	49.614	ug/l	100
70) Styrene	12.06	104	407464	49.897	ug/l	100
71) Bromoform	12.22	173	84053	48.948	ug/l	100
73) Isopropylbenzene	12.34	105	651004	50.546	ug/l	100
74) N-amyl acetate	12.16	43	146920	48.922	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.59	83	91591	46.667	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	80552m	29.361	ug/l	
77) Bromobenzene	12.62	156	158566	49.059	ug/l	100
78) n-propylbenzene	12.68	91	759621	50.661	ug/l	100
79) 2-Chlorotoluene	12.77	91	409337	50.033	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	553489	50.461	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	42545	48.722	ug/l	100
82) 4-Chlorotoluene	12.86	91	427966	49.577	ug/l	100
83) tert-Butylbenzene	13.09	119	489406	50.683	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	552415	50.529	ug/l	100
85) sec-Butylbenzene	13.27	105	664648	50.410	ug/l	100
86) p-Isopropyltoluene	13.38	119	634588	50.851	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	306309	49.638	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	303260	49.627	ug/l	100
89) n-Butylbenzene	13.70	91	577502	50.588	ug/l	100
90) Hexachloroethane	13.97	117	111454	49.978	ug/l	100
91) 1,2-Dichlorobenzene	13.75	146	274619	49.717	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.37	75	18288	46.998	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	202474	49.508	ug/l	100
94) Hexachlorobutadiene	15.12	225	125371	50.425	ug/l	100
95) Naphthalene	15.25	128	366221	49.271	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	171389	49.745	ug/l	100

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

