

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032620\
 Data File : VY002089.D
 Acq On : 26 Mar 2020 16:31
 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

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 3/27/2020 4:14:06 PM

Quant Time: Mar 27 06:49:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 04:05:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	162846	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	299316	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	270722	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	123192	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	89485	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	
35) Dibromofluoromethane	7.74	113	82820	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
50) Toluene-d8	10.19	98	351992	50.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.48%	
62) 4-Bromofluorobenzene	12.48	95	123815	51.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	49337	34.602	ug/l	100
3) Chloromethane	2.12	50	85284	43.077	ug/l	100
4) Vinyl Chloride	2.26	62	90953	45.170	ug/l	100
5) Bromomethane	2.66	94	61513	45.604	ug/l	100
6) Chloroethane	2.80	64	61436	47.966	ug/l	100
7) Trichlorofluoromethane	3.14	101	126985	46.079	ug/l	100
8) Diethyl Ether	3.54	74	53777	49.099	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	83935	47.131	ug/l	100
10) Methyl Iodide	4.11	142	107331	52.189	ug/l	100
11) Tert butyl alcohol	4.98	59	45866	216.782	ug/l	100
12) 1,1-Dichloroethene	3.89	96	86694	48.364	ug/l	100
13) Acrolein	3.74	56	71530	281.133	ug/l	100
14) Allyl chloride	4.50	41	164310	51.200	ug/l	100
15) Acrylonitrile	5.19	53	146082	249.420	ug/l	100
16) Acetone	3.96	43	124460	247.542	ug/l	100
17) Carbon Disulfide	4.21	76	288711	47.980	ug/l	100
18) Methyl Acetate	4.50	43	63182	48.929	ug/l	100
19) Methyl tert-butyl Ether	5.24	73	245388	50.207	ug/l	100
20) Methylene Chloride	4.74	84	101497	46.926	ug/l	100
21) trans-1,2-Dichloroethene	5.24	96	100744	49.295	ug/l	100
22) Diisopropyl ether	6.14	45	336630	51.115	ug/l	100
23) Vinyl Acetate	6.08	43	1104465	256.503	ug/l	100
24) 1,1-Dichloroethane	6.04	63	178232	50.144	ug/l	100
25) 2-Butanone	7.01	43	191268	250.041	ug/l	100
26) 2,2-Dichloropropane	7.00	77	146227	50.013	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	111677	50.181	ug/l	100
28) Bromochloromethane	7.35	49	87243	53.775	ug/l	100
29) Tetrahydrofuran	7.36	42	126371	248.198	ug/l	100
30) Chloroform	7.53	83	167922	50.310	ug/l	100
31) Cyclohexane	7.80	56	179208	47.157	ug/l	100
32) 1,1,1-Trichloroethane	7.72	97	141499	50.370	ug/l	100
36) 1,1-Dichloropropene	7.94	75	141020	49.380	ug/l	100
37) Ethyl Acetate	7.10	43	81961	49.517	ug/l	100
38) Carbon Tetrachloride	7.92	117	121464	49.650	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	185777	48.963	ug/l	100
40) Benzene	8.17	78	420019	49.544	ug/l	100
41) Methacrylonitrile	7.33	41	42834m	55.547	ug/l	
42) 1,2-Dichloroethane	8.25	62	110238	50.400	ug/l	100
43) Isopropyl Acetate	8.29	43	157489	50.062	ug/l	100
44) Trichloroethene	8.96	130	102111	49.399	ug/l	100
45) 1,2-Dichloropropane	9.23	63	107868	50.505	ug/l	100
46) Dibromomethane	9.32	93	54904	49.886	ug/l	100
47) Bromodichloromethane	9.51	83	130747	51.012	ug/l	100
48) Methyl methacrylate	9.30	41	69893	50.440	ug/l	100
49) 1,4-Dioxane	9.31	88	15041	1001.360	ug/l	100
51) 4-Methyl-2-Pentanone	10.08	43	404826	249.972	ug/l	100
52) Toluene	10.25	92	254102	49.369	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	144785	51.898	ug/l	100
54) cis-1,3-Dichloropropene	9.94	75	170198	51.247	ug/l	100
55) 1,1,2-Trichloroethane	10.66	97	82124	50.891	ug/l	100
56) Ethyl methacrylate	10.52	69	118923	50.660	ug/l	100
57) 1,3-Dichloropropane	10.80	76	143771	50.038	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	299272	299.005	ug/l	100
59) 2-Hexanone	10.84	43	287585	249.430	ug/l	100
60) Dibromochloromethane	10.99	129	86163	50.908	ug/l	100
61) 1,2-Dibromoethane	11.09	107	75714	49.660	ug/l	100
64) Tetrachloroethene	10.73	164	82635	48.874	ug/l	100
65) Chlorobenzene	11.52	112	262108	49.091	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	87893	50.118	ug/l	100
67) Ethyl Benzene	11.60	91	494034	49.533	ug/l	100
68) m/p-Xylenes	11.71	106	364693	99.074	ug/l	100
69) o-Xylene	12.03	106	172043	49.541	ug/l	100
70) Styrene	12.05	104	303629	51.011	ug/l	100
71) Bromoform	12.22	173	49404	52.035	ug/l #	100
73) Isopropylbenzene	12.34	105	467373	49.847	ug/l	100
74) N-amyl acetate	12.15	43	145076	50.380	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.59	83	99330	49.269	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	72935m	49.393	ug/l	
77) Bromobenzene	12.61	156	100107	50.195	ug/l	100
78) n-propylbenzene	12.68	91	578943	49.992	ug/l	100
79) 2-Chlorotoluene	12.77	91	319297	49.923	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	388720	50.234	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	36515	50.726	ug/l	100
82) 4-Chlorotoluene	12.86	91	334808	50.207	ug/l	100
83) tert-Butylbenzene	13.08	119	327104	50.743	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	385704	50.279	ug/l	100
85) sec-Butylbenzene	13.26	105	479071	50.549	ug/l	100
86) p-Isopropyltoluene	13.38	119	415430	50.789	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	193072	49.541	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	195422	49.466	ug/l	100
89) n-Butylbenzene	13.70	91	428090	50.423	ug/l	100
90) Hexachloroethane	13.97	117	78359	50.794	ug/l	100
91) 1,2-Dichlorobenzene	13.75	146	179423	50.484	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	15117	47.962	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	113453	49.462	ug/l	100
94) Hexachlorobutadiene	15.12	225	55798	49.595	ug/l	100
95) Naphthalene	15.25	128	269171	49.467	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	101753	50.128	ug/l	100

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

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