

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022620\
 Data File : VY001773.D
 Acq On : 26 Feb 2020 10:12
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 2/27/2020 10:45:52 AM

Quant Time: Feb 26 15:44:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	192203	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	341634	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	306199	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	145956	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	104357	50.48	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	100.96%	
35) Dibromofluoromethane	7.74	113	99488	50.84	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	101.68%	
50) Toluene-d8	10.19	98	412606	53.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.64%	
62) 4-Bromofluorobenzene	12.49	95	147505	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.91	85	95778	51.121	ug/l 99
3) Chloromethane	2.12	50	119083	47.256	ug/l 100
4) Vinyl Chloride	2.26	62	120936	47.580	ug/l 97
5) Bromomethane	2.66	94	75356	47.437	ug/l 94
6) Chloroethane	2.80	64	76531	48.862	ug/l 98
7) Trichlorofluoromethane	3.14	101	165089	50.749	ug/l 99
8) Diethyl Ether	3.54	74	63172	49.260	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	3.91	101	105884	51.785	ug/l 100
10) Methyl Iodide	4.11	142	127625	51.001	ug/l 100
11) Tert butyl alcohol	4.97	59	58751	244.770	ug/l 99
12) 1,1-Dichloroethene	3.89	96	104354	50.040	ug/l 97
13) Acrolein	3.75	56	56307	269.670	ug/l 100
14) Allyl chloride	4.50	41	188682	50.837	ug/l 99
15) Acrylonitrile	5.19	53	173558	264.031	ug/l 99
16) Acetone	3.96	43	194722	272.205	ug/l 98
17) Carbon Disulfide	4.21	76	328407	47.169	ug/l 99
18) Methyl Acetate	4.50	43	78688	50.511	ug/l 100
19) Methyl tert-butyl Ether	5.24	73	286811	49.397	ug/l 100
20) Methylene Chloride	4.73	84	117523	46.252	ug/l 99
21) trans-1,2-Dichloroethene	5.24	96	118232	49.691	ug/l 96
22) Diisopropyl ether	6.14	45	384702	50.473	ug/l 99
23) Vinyl Acetate	6.08	43	1267025	254.845	ug/l 99
24) 1,1-Dichloroethane	6.04	63	206893	50.787	ug/l 99
25) 2-Butanone	7.00	43	258701	266.215	ug/l 98
26) 2,2-Dichloropropane	7.00	77	173784	49.032	ug/l 99
27) cis-1,2-Dichloroethene	7.00	96	128480	48.920	ug/l 99
28) Bromochloromethane	7.35	49	91851	54.126	ug/l 98
29) Tetrahydrofuran	7.36	42	149020	253.711	ug/l 99
30) Chloroform	7.53	83	193665	48.654	ug/l 98
31) Cyclohexane	7.80	56	206526	47.549	ug/l 99
32) 1,1,1-Trichloroethane	7.72	97	166195	49.678	ug/l 99
36) 1,1-Dichloropropene	7.94	75	164689	50.467	ug/l 99
37) Ethyl Acetate	7.10	43	99712	51.195	ug/l 99
38) Carbon Tetrachloride	7.92	117	143837	50.182	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	215153	49.697	ug/l	98
40) Benzene	8.17	78	485190	50.554	ug/l	99
41) Methacrylonitrile	7.34	41	51041m	52.192	ug/l	
42) 1,2-Dichloroethane	8.25	62	127865	48.904	ug/l	99
43) Isopropyl Acetate	8.29	43	188366	50.972	ug/l	99
44) Trichloroethene	8.95	130	118406	49.422	ug/l	95
45) 1,2-Dichloropropane	9.23	63	124546	51.817	ug/l	98
46) Dibromomethane	9.31	93	63563	50.561	ug/l	99
47) Bromodichloromethane	9.51	83	152476	50.254	ug/l	99
48) Methyl methacrylate	9.30	41	82908	49.607	ug/l	98
49) 1,4-Dioxane	9.31	88	17016	958.315	ug/l	91
51) 4-Methyl-2-Pentanone	10.08	43	487190	256.592	ug/l	100
52) Toluene	10.25	92	299588	50.043	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	169906	50.654	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	197714	51.214	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	95693	51.622	ug/l	97
56) Ethyl methacrylate	10.52	69	141324	50.819	ug/l	99
57) 1,3-Dichloropropane	10.80	76	167625	50.892	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	258907	247.355	ug/l	99
59) 2-Hexanone	10.84	43	380074	266.790	ug/l	99
60) Dibromochloromethane	10.99	129	103718	50.749	ug/l	100
61) 1,2-Dibromoethane	11.10	107	89849	51.261	ug/l	99
64) Tetrachloroethene	10.73	164	94072	48.940	ug/l	96
65) Chlorobenzene	11.52	112	305052	49.900	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	104270	50.563	ug/l	100
67) Ethyl Benzene	11.60	91	577288	50.886	ug/l	98
68) m/p-Xylenes	11.71	106	430677	101.628	ug/l	98
69) o-Xylene	12.03	106	204274	50.703	ug/l	97
70) Styrene	12.05	104	357237	51.021	ug/l	99
71) Bromoform	12.22	173	60147	51.037	ug/l #	100
73) Isopropylbenzene	12.34	105	554943	49.908	ug/l	99
74) N-amyl acetate	12.15	43	176368	49.700	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	121938	51.360	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	74244m	44.343	ug/l	
77) Bromobenzene	12.61	156	117194	48.619	ug/l	98
78) n-propylbenzene	12.68	91	682531	50.400	ug/l	100
79) 2-Chlorotoluene	12.77	91	372556	49.050	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	459001	49.868	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	45477	51.530	ug/l	95
82) 4-Chlorotoluene	12.86	91	401436	50.112	ug/l	100
83) tert-Butylbenzene	13.08	119	383767	49.852	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	456227	49.718	ug/l	99
85) sec-Butylbenzene	13.26	105	568116	50.178	ug/l	100
86) p-Isopropyltoluene	13.38	119	493074	50.131	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	228908	48.966	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	230320	48.740	ug/l	99
89) n-Butylbenzene	13.70	91	503871	50.135	ug/l	100
90) Hexachloroethane	13.97	117	93616	50.517	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	210727	48.845	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.37	75	18633	47.555	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	135531	47.406	ug/l	99
94) Hexachlorobutadiene	15.12	225	66336	46.656	ug/l	98
95) Naphthalene	15.25	128	324042	49.158	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	120606	47.951	ug/l	99

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

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