

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY062220\
 Data File : VY002963.D
 Acq On : 22 Jun 2020 10:35
 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
 6/23/2020 8:13:11 PM

Quant Time: Jun 22 14:31:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y061920S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 20 06:39:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	338894	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	488987	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	457374	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	246058	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	135611	48.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.90%	
35) Dibromofluoromethane	7.72	113	140011	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	
50) Toluene-d8	10.18	98	558130	51.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.32%	
62) 4-Bromofluorobenzene	12.48	95	190955	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	109556	50.708	ug/l	98
3) Chloromethane	2.12	50	123535	50.359	ug/l	99
4) Vinyl Chloride	2.26	62	132802	50.421	ug/l	99
5) Bromomethane	2.65	94	93229	47.969	ug/l	99
6) Chloroethane	2.80	64	79322	46.563	ug/l	97
7) Trichlorofluoromethane	3.13	101	218143	46.122	ug/l	97
8) Diethyl Ether	3.54	74	76689	44.939	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.91	101	128293	45.039	ug/l	99
10) Methyl Iodide	4.10	142	183954	46.646	ug/l	99
11) Tert butyl alcohol	4.97	59	66889	218.866	ug/l	99
12) 1,1-Dichloroethene	3.88	96	131303	46.485	ug/l	98
13) Acrolein	3.74	56	74002	263.156	ug/l	100
14) Allyl chloride	4.49	41	181799	44.623	ug/l	99
15) Acrylonitrile	5.18	53	181123	221.299	ug/l	99
16) Acetone	3.96	43	192735	277.996	ug/l	96
17) Carbon Disulfide	4.20	76	407514	48.799	ug/l	99
18) Methyl Acetate	4.49	43	73140	41.016	ug/l	97
19) Methyl tert-butyl Ether	5.23	73	348116	45.249	ug/l	98
20) Methylene Chloride	4.72	84	144404	41.868	ug/l	94
21) trans-1,2-Dichloroethene	5.23	96	145043	46.249	ug/l	96
22) Diisopropyl ether	6.13	45	362394	43.569	ug/l	96
23) Vinyl Acetate	6.07	43	1247578	231.876	ug/l	100
24) 1,1-Dichloroethane	6.03	63	221681	44.988	ug/l	99
25) 2-Butanone	6.99	43	240005	231.019	ug/l	100
26) 2,2-Dichloropropane	6.99	77	212302	46.130	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	159600	45.533	ug/l	99
28) Bromochloromethane	7.34	49	98000	47.567	ug/l	97
29) Tetrahydrofuran	7.35	42	145122	216.253	ug/l	98
30) Chloroform	7.52	83	236588	45.842	ug/l	97
31) Cyclohexane	7.79	56	208062	43.287	ug/l	100
32) 1,1,1-Trichloroethane	7.71	97	219796	46.219	ug/l	100
36) 1,1-Dichloropropene	7.93	75	186110	46.864	ug/l	100
37) Ethyl Acetate	7.08	43	97946	44.417	ug/l	98
38) Carbon Tetrachloride	7.91	117	210672	48.137	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	243060	46.431	ug/l	99
40) Benzene	8.16	78	545317	46.123	ug/l	99
41) Methacrylonitrile	7.33	41	51686m	46.818	ug/l	
42) 1,2-Dichloroethane	8.24	62	151310	46.110	ug/l	99
43) Isopropyl Acetate	8.28	43	183561	44.702	ug/l	99
44) Trichloroethene	8.94	130	172756	47.172	ug/l	100
45) 1,2-Dichloropropane	9.22	63	128454	45.178	ug/l	97
46) Dibromomethane	9.31	93	77678	45.756	ug/l	98
47) Bromodichloromethane	9.50	83	184038	46.433	ug/l	99
48) Methyl methacrylate	9.29	41	82280	44.656	ug/l	96
49) 1,4-Dioxane	9.30	88	22753	914.455	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	486533	223.589	ug/l	99
52) Toluene	10.25	92	359979	47.045	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	203332	47.202	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	226677	46.489	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	114751	45.326	ug/l	97
56) Ethyl methacrylate	10.51	69	160230	46.950	ug/l	99
57) 1,3-Dichloropropane	10.79	76	195205	46.237	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	441055	259.477	ug/l	99
59) 2-Hexanone	10.83	43	360101	235.383	ug/l	100
60) Dibromochloromethane	10.99	129	152284	47.166	ug/l	99
61) 1,2-Dibromoethane	11.09	107	115972	46.173	ug/l	99
64) Tetrachloroethene	10.72	164	178067	46.721	ug/l	98
65) Chlorobenzene	11.52	112	405128	46.795	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	153396	46.874	ug/l	100
67) Ethyl Benzene	11.60	91	704498	47.175	ug/l	99
68) m/p-Xylenes	11.70	106	551084	94.965	ug/l	99
69) o-Xylene	12.03	106	258733	47.300	ug/l	100
70) Styrene	12.05	104	448084	47.410	ug/l	99
71) Bromoform	12.20	173	102489	46.790	ug/l	98
73) Isopropylbenzene	12.33	105	704711	46.730	ug/l	100
74) N-amyl acetate	12.14	43	177163	45.618	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	126632	45.291	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	101816m	47.513	ug/l	
77) Bromobenzene	12.61	156	183612	46.504	ug/l	99
78) n-propylbenzene	12.67	91	823091	47.045	ug/l	100
79) 2-Chlorotoluene	12.75	91	450228	45.945	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	596236	47.427	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	53221	47.417	ug/l #	92
82) 4-Chlorotoluene	12.86	91	480243	46.601	ug/l	100
83) tert-Butylbenzene	13.08	119	526800	46.782	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	600381	47.460	ug/l	99
85) sec-Butylbenzene	13.25	105	723239	47.215	ug/l	100
86) p-Isopropyltoluene	13.37	119	683273	47.554	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	346144	46.510	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	347873	46.678	ug/l	99
89) n-Butylbenzene	13.70	91	613007	47.194	ug/l	100
90) Hexachloroethane	13.96	117	125400	46.856	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	316590	46.739	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	23502	44.993	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	238313	46.886	ug/l	99
94) Hexachlorobutadiene	15.11	225	135622	46.293	ug/l	99
95) Naphthalene	15.23	128	468573	46.254	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	209277	46.149	ug/l	99

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

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