

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070120\
 Data File : VY003051.D
 Acq On : 01 Jul 2020 10:51
 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

sam
 7/2/2020 4:48:41 PM

Quant Time: Jul 01 18:50:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	470462	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	674576	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	613586	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	323666	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	228806	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	
35) Dibromofluoromethane	7.72	113	221692	52.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.36%	
50) Toluene-d8	10.18	98	822090	52.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.88%	
62) 4-Bromofluorobenzene	12.48	95	288991	52.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	170341	47.809	ug/l	94
3) Chloromethane	2.11	50	214084	41.032	ug/l	98
4) Vinyl Chloride	2.26	62	243909	47.925	ug/l	97
5) Bromomethane	2.65	94	172278	49.856	ug/l	96
6) Chloroethane	2.80	64	156454	48.324	ug/l	100
7) Trichlorofluoromethane	3.13	101	348476	48.512	ug/l	98
8) Diethyl Ether	3.54	74	116847	47.450	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.91	101	216047	50.372	ug/l	99
10) Methyl Iodide	4.10	142	267720	50.338	ug/l	99
11) Tert butyl alcohol	4.97	59	109606	230.170	ug/l #	84
12) 1,1-Dichloroethene	3.88	96	198725	48.696	ug/l	96
13) Acrolein	3.74	56	103571	242.162	ug/l	99
14) Allyl chloride	4.49	41	317712	44.591	ug/l	99
15) Acrylonitrile	5.18	53	291650	229.800	ug/l	100
16) Acetone	3.96	43	279143	253.299	ug/l	99
17) Carbon Disulfide	4.20	76	614658	47.141	ug/l	98
18) Methyl Acetate	4.49	43	127880	43.071	ug/l	97
19) Methyl tert-butyl Ether	5.23	73	573696	48.228	ug/l	97
20) Methylene Chloride	4.72	84	256100	52.414	ug/l	93
21) trans-1,2-Dichloroethene	5.23	96	224278	48.586	ug/l	95
22) Diisopropyl ether	6.13	45	697713	45.688	ug/l	97
23) Vinyl Acetate	6.07	43	2339324	229.123	ug/l	99
24) 1,1-Dichloroethane	6.02	63	396826	47.569	ug/l	99
25) 2-Butanone	6.99	43	410293	234.375	ug/l	100
26) 2,2-Dichloropropane	6.99	77	368949	48.679	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	252511	48.771	ug/l	97
28) Bromochloromethane	7.34	49	183007	49.305	ug/l	93
29) Tetrahydrofuran	7.35	42	262163	225.199	ug/l	96
30) Chloroform	7.51	83	396881	48.023	ug/l	100
31) Cyclohexane	7.78	56	366028	44.539	ug/l	94
32) 1,1,1-Trichloroethane	7.71	97	365286	48.423	ug/l	99
36) 1,1-Dichloropropene	7.92	75	317297	48.832	ug/l	99
37) Ethyl Acetate	7.08	43	177389	45.405	ug/l	99
38) Carbon Tetrachloride	7.91	117	331414	49.022	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	398811	49.503	ug/l	97
40) Benzene	8.16	78	870544	48.937	ug/l	100
41) Methacrylonitrile	7.33	41	114557m	54.892	ug/l	
42) 1,2-Dichloroethane	8.24	62	268879	47.778	ug/l	99
43) Isopropyl Acetate	8.28	43	346116	46.602	ug/l	96
44) Trichloroethene	8.94	130	263735	51.008	ug/l	100
45) 1,2-Dichloropropane	9.22	63	229478	47.948	ug/l	98
46) Dibromomethane	9.31	93	132854	49.702	ug/l	98
47) Bromodichloromethane	9.50	83	322863	49.328	ug/l	99
48) Methyl methacrylate	9.30	41	155483	45.993	ug/l	94
49) 1,4-Dioxane	9.30	88	33269	1019.594	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	923590	240.598	ug/l	98
52) Toluene	10.25	92	556450	49.690	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	334820	48.792	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	384563	49.001	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	185926	50.055	ug/l	99
56) Ethyl methacrylate	10.51	69	264965	49.279	ug/l	97
57) 1,3-Dichloropropane	10.79	76	319746	49.035	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	717891	260.330	ug/l	98
59) 2-Hexanone	10.83	43	658069	245.261	ug/l	98
60) Dibromochloromethane	10.99	129	239414	50.366	ug/l	98
61) 1,2-Dibromoethane	11.09	107	183484	50.106	ug/l	98
64) Tetrachloroethene	10.72	164	257411	49.568	ug/l	97
65) Chlorobenzene	11.52	112	609418	50.370	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	238137	50.414	ug/l	99
67) Ethyl Benzene	11.59	91	1104529	49.902	ug/l	99
68) m/p-Xylenes	11.70	106	828115	100.526	ug/l	100
69) o-Xylene	12.03	106	389036	50.116	ug/l	97
70) Styrene	12.05	104	669255	50.465	ug/l	99
71) Bromoform	12.21	173	159914	50.771	ug/l	99
73) Isopropylbenzene	12.33	105	1072052	50.610	ug/l	100
74) N-amyl acetate	12.14	43	328505	47.638	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	217026	50.770	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	165128m	51.549	ug/l	
77) Bromobenzene	12.61	156	269486	49.618	ug/l	100
78) n-propylbenzene	12.67	91	1275339	50.062	ug/l	100
79) 2-Chlorotoluene	12.76	91	707009	49.721	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	889086	50.018	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	81576	49.547	ug/l	96
82) 4-Chlorotoluene	12.86	91	744828	50.310	ug/l	99
83) tert-Butylbenzene	13.08	119	779211	49.924	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	895284	49.984	ug/l	99
85) sec-Butylbenzene	13.25	105	1079605	50.183	ug/l	100
86) p-Isopropyltoluene	13.37	119	1003261	50.328	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	509262	50.224	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	501526	50.159	ug/l	100
89) n-Butylbenzene	13.70	91	963134	50.497	ug/l	99
90) Hexachloroethane	13.96	117	201093	50.801	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	452245	49.710	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	37896	50.079	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	340501	50.369	ug/l	99
94) Hexachlorobutadiene	15.11	225	214944	50.408	ug/l	98
95) Naphthalene	15.23	128	618259	50.072	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	297704	50.716	ug/l	98

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

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