

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY062920\
 Data File : VY003005.D
 Acq On : 29 Jun 2020 13:38
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY062920

Manual Integrations
 APPROVED

MMDadoda
 6/30/2020 12:54:37 PM

Quant Time: Jun 30 06:12:19 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	504485	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	741640	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	668912	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	352206	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	250675	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
35) Dibromofluoromethane	7.72	113	233450	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
50) Toluene-d8	10.18	98	885628	51.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.76%	
62) 4-Bromofluorobenzene	12.48	95	310132	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	189576	49.619	ug/l	100
3) Chloromethane	2.12	50	255093	45.595	ug/l	99
4) Vinyl Chloride	2.26	62	269538	49.389	ug/l	98
5) Bromomethane	2.66	94	188023	50.743	ug/l	96
6) Chloroethane	2.80	64	171651	49.443	ug/l	95
7) Trichlorofluoromethane	3.13	101	384346	49.897	ug/l	99
8) Diethyl Ether	3.54	74	128893	48.811	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	232488	50.549	ug/l	100
10) Methyl Iodide	4.10	142	290997	51.025	ug/l	100
11) Tert butyl alcohol	4.96	59	110632	216.656	ug/l	99
12) 1,1-Dichloroethene	3.88	96	219694	50.204	ug/l	96
13) Acrolein	3.74	56	97709	213.049	ug/l	100
14) Allyl chloride	4.49	41	380055	49.743	ug/l	99
15) Acrylonitrile	5.18	53	318884	234.313	ug/l	99
16) Acetone	3.96	43	289896	245.316	ug/l	99
17) Carbon Disulfide	4.20	76	695396	49.737	ug/l	99
18) Methyl Acetate	4.48	43	145090	45.572	ug/l	98
19) Methyl tert-butyl Ether	5.23	73	630917	49.462	ug/l	100
20) Methylene Chloride	4.72	84	263686	50.004	ug/l	98
21) trans-1,2-Dichloroethene	5.23	96	246588	49.817	ug/l	99
22) Diisopropyl ether	6.13	45	810124	49.471	ug/l	98
23) Vinyl Acetate	6.07	43	2704189	246.997	ug/l	100
24) 1,1-Dichloroethane	6.02	63	442740	49.494	ug/l	100
25) 2-Butanone	6.99	43	443898	236.471	ug/l	99
26) 2,2-Dichloropropane	6.99	77	404834	49.811	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	273882	49.331	ug/l	100
28) Bromochloromethane	7.34	49	221106	55.552	ug/l	97
29) Tetrahydrofuran	7.35	42	290529	232.734	ug/l	98
30) Chloroform	7.52	83	438347	49.464	ug/l	100
31) Cyclohexane	7.79	56	416903	47.309	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	401591	49.645	ug/l	100
36) 1,1-Dichloropropene	7.93	75	354777	49.662	ug/l	99
37) Ethyl Acetate	7.08	43	201920	47.010	ug/l	98
38) Carbon Tetrachloride	7.91	117	369949	49.774	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	442917	50.006	ug/l	98
40) Benzene	8.17	78	969389	49.565	ug/l	99
41) Methacrylonitrile	7.33	41	128828m	56.148	ug/l	
42) 1,2-Dichloroethane	8.24	62	304988	49.294	ug/l	100
43) Isopropyl Acetate	8.28	43	393048	48.135	ug/l	99
44) Trichloroethene	8.94	130	285147	50.162	ug/l	99
45) 1,2-Dichloropropane	9.22	63	258396	49.109	ug/l	95
46) Dibromomethane	9.31	93	144432	49.147	ug/l	98
47) Bromodichloromethane	9.50	83	355055	49.341	ug/l	99
48) Methyl methacrylate	9.30	41	180090	48.454	ug/l	97
49) 1,4-Dioxane	9.30	88	33876	944.316	ug/l	94
51) 4-Methyl-2-Pentanone	10.07	43	997855	236.438	ug/l	99
52) Toluene	10.24	92	603672	49.033	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	378933	50.227	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	424785	49.232	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	200557	49.112	ug/l	98
56) Ethyl methacrylate	10.51	69	291231	49.266	ug/l	99
57) 1,3-Dichloropropane	10.79	76	349679	48.777	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	773029	254.976	ug/l	100
59) 2-Hexanone	10.83	43	712153	241.417	ug/l	99
60) Dibromochloromethane	10.99	129	259762	49.705	ug/l	99
61) 1,2-Dibromoethane	11.09	107	193944	48.174	ug/l	100
64) Tetrachloroethene	10.72	164	284359	50.229	ug/l	99
65) Chlorobenzene	11.52	112	666782	50.553	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	257786	50.060	ug/l	99
67) Ethyl Benzene	11.59	91	1214134	50.317	ug/l	99
68) m/p-Xylenes	11.70	106	907209	101.019	ug/l	100
69) o-Xylene	12.03	106	427782	50.549	ug/l	99
70) Styrene	12.05	104	736667	50.954	ug/l	99
71) Bromoform	12.20	173	175029	50.974	ug/l	98
73) Isopropylbenzene	12.33	105	1164868	50.536	ug/l	99
74) N-amyl acetate	12.14	43	368303	49.081	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	233488	50.195	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	171071m	49.077	ug/l	
77) Bromobenzene	12.61	156	296509	50.170	ug/l	98
78) n-propylbenzene	12.67	91	1395814	50.352	ug/l	100
79) 2-Chlorotoluene	12.75	91	782943	50.599	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	983976	50.871	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	87883	49.052	ug/l	96
82) 4-Chlorotoluene	12.85	91	820388	50.923	ug/l	99
83) tert-Butylbenzene	13.08	119	856393	50.423	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	982260	50.396	ug/l	99
85) sec-Butylbenzene	13.25	105	1196870	51.126	ug/l	99
86) p-Isopropyltoluene	13.37	119	1105996	50.986	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	561521	50.890	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	553028	50.828	ug/l	100
89) n-Butylbenzene	13.70	91	1062434	51.190	ug/l	99
90) Hexachloroethane	13.96	117	217617	50.521	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	497462	50.250	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	39794	48.326	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	381995	51.928	ug/l	99
94) Hexachlorobutadiene	15.11	225	238782	51.461	ug/l	99
95) Naphthalene	15.23	128	690641	51.402	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	326124	51.055	ug/l	99

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

