

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061920\
 Data File : VY002939.D
 Acq On : 19 Jun 2020 15:27
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICSVY061920

Manual Integrations
 APPROVED

MMDadoda
 6/22/2020 2:07:01 PM

Quant Time: Jun 20 04:41:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y061920S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 15:04:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	416143	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	614881	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	560000	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	288645	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	167291	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	
35) Dibromofluoromethane	7.72	113	172054	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
50) Toluene-d8	10.18	98	677409	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
62) 4-Bromofluorobenzene	12.48	95	231355	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.91	85	135697	51.149	ug/l	100
3) Chloromethane	2.12	50	148692	49.363	ug/l	99
4) Vinyl Chloride	2.26	62	163902	50.678	ug/l	98
5) Bromomethane	2.65	94	124459	52.151	ug/l	97
6) Chloroethane	2.80	64	106147	50.743	ug/l	98
7) Trichlorofluoromethane	3.13	101	298803	51.449	ug/l	98
8) Diethyl Ether	3.54	74	106355	50.753	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	182086	52.058	ug/l	98
10) Methyl Iodide	4.10	142	253334	52.314	ug/l	99
11) Tert butyl alcohol	4.97	59	86993	232.815	ug/l	99
12) 1,1-Dichloroethene	3.88	96	180516	52.044	ug/l	96
13) Acrolein	3.74	56	88091	255.108	ug/l	100
14) Allyl chloride	4.49	41	261024	52.176	ug/l	100
15) Acrylonitrile	5.18	53	255395	254.120	ug/l	99
16) Acetone	3.96	43	229209	269.235	ug/l	97
17) Carbon Disulfide	4.20	76	558872	54.500	ug/l	99
18) Methyl Acetate	4.49	43	108230	50.216	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	484302	51.266	ug/l	99
20) Methylene Chloride	4.72	84	210354	51.090	ug/l	97
21) trans-1,2-Dichloroethene	5.23	96	201918	52.432	ug/l	97
22) Diisopropyl ether	6.13	45	520516	50.963	ug/l	97
23) Vinyl Acetate	6.07	43	1784457	270.094	ug/l	98
24) 1,1-Dichloroethane	6.03	63	311415	51.467	ug/l	100
25) 2-Butanone	6.99	43	326829	256.195	ug/l	98
26) 2,2-Dichloropropane	6.99	77	283136	50.101	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	218193	50.694	ug/l	100
28) Bromochloromethane	7.34	49	127725	50.487	ug/l	96
29) Tetrahydrofuran	7.35	42	209644	254.410	ug/l	99
30) Chloroform	7.52	83	323672	51.074	ug/l	99
31) Cyclohexane	7.79	56	295045	49.989	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	297504	50.947	ug/l	100
36) 1,1-Dichloropropene	7.93	75	261620	52.390	ug/l	99
37) Ethyl Acetate	7.08	43	141010	50.854	ug/l	99
38) Carbon Tetrachloride	7.91	117	284513	51.698	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	342728	52.065	ug/l	99
40) Benzene	8.17	78	754457	50.747	ug/l	99
41) Methacrylonitrile	7.32	41	72796m	52.438	ug/l	
42) 1,2-Dichloroethane	8.24	62	206181	49.967	ug/l	100
43) Isopropyl Acetate	8.28	43	264602	51.245	ug/l	100
44) Trichloroethene	8.94	130	232665	50.523	ug/l	99
45) 1,2-Dichloropropane	9.22	63	181697	50.820	ug/l	100
46) Dibromomethane	9.31	93	108584	50.865	ug/l	99
47) Bromodichloromethane	9.50	83	255229	51.210	ug/l	97
48) Methyl methacrylate	9.30	41	120239	51.897	ug/l	99
49) 1,4-Dioxane	9.30	88	31534	1007.880	ug/l	93
51) 4-Methyl-2-Pentanone	10.07	43	693596	253.484	ug/l	100
52) Toluene	10.24	92	487752	50.692	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	277829	51.291	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	314298	51.261	ug/l	100
55) 1,1,2-Trichloroethane	10.64	97	159034	49.955	ug/l	99
56) Ethyl methacrylate	10.51	69	223325	52.040	ug/l	100
57) 1,3-Dichloropropane	10.79	76	267238	50.339	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	552501	258.491	ug/l	100
59) 2-Hexanone	10.83	43	496765	258.231	ug/l	100
60) Dibromochloromethane	10.99	129	204711	50.422	ug/l	100
61) 1,2-Dibromoethane	11.09	107	161440	51.116	ug/l	98
64) Tetrachloroethene	10.72	164	237226	50.836	ug/l	100
65) Chlorobenzene	11.52	112	540667	51.005	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	205423	51.269	ug/l	100
67) Ethyl Benzene	11.60	91	944975	51.682	ug/l	100
68) m/p-Xylenes	11.70	106	735437	103.508	ug/l	99
69) o-Xylene	12.03	106	347698	51.915	ug/l	100
70) Styrene	12.05	104	598929	51.757	ug/l	100
71) Bromoform	12.20	173	138438	51.619	ug/l	98
73) Isopropylbenzene	12.33	105	937696	53.006	ug/l	99
74) N-amyl acetate	12.14	43	243372	53.420	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	174081	53.075	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	136160m	54.165	ug/l	
77) Bromobenzene	12.61	156	240375	51.898	ug/l	97
78) n-propylbenzene	12.67	91	1087006	52.963	ug/l	99
79) 2-Chlorotoluene	12.76	91	604553	52.591	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	781783	53.011	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	71738	54.484	ug/l	98
82) 4-Chlorotoluene	12.85	91	632706	52.337	ug/l	99
83) tert-Butylbenzene	13.08	119	691578	52.354	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	783089	52.770	ug/l	100
85) sec-Butylbenzene	13.25	105	944986	52.589	ug/l	100
86) p-Isopropyltoluene	13.37	119	881368	52.291	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	452605	51.843	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	449460	51.410	ug/l	99
89) n-Butylbenzene	13.70	91	800153	52.513	ug/l	100
90) Hexachloroethane	13.96	117	164941	52.538	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	411061	51.733	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	31939	52.124	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	308551	51.749	ug/l	100
94) Hexachlorobutadiene	15.11	225	176719	51.421	ug/l	100
95) Naphthalene	15.23	128	631732	53.160	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	274853	51.667	ug/l	99

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

