

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072720\
 Data File : VY003368.D
 Acq On : 27 Jul 2020 20:15
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 28 05:51:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	400927	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	629021	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	585061	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	311812	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	194299	57.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.84%	
35) Dibromofluoromethane	7.72	113	184462	50.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.92%	
50) Toluene-d8	10.18	98	650635	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	
62) 4-Bromofluorobenzene	12.48	95	243064	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	112373	39.106	ug/l	97
3) Chloromethane	2.12	50	185162	46.455	ug/l	97
4) Vinyl Chloride	2.25	62	189367	46.305	ug/l	99
5) Bromomethane	2.65	94	171953	56.608	ug/l	99
6) Chloroethane	2.79	64	135246	50.351	ug/l	99
7) Trichlorofluoromethane	3.13	101	286782	49.104	ug/l	97
8) Diethyl Ether	3.54	74	115091	58.808	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.91	101	173666	49.235	ug/l	99
10) Methyl Iodide	4.10	142	161027	42.020	ug/l	99
11) Tert butyl alcohol	4.96	59	115758	316.353	ug/l	99
12) 1,1-Dichloroethene	3.88	96	170451	51.091	ug/l	99
13) Acrolein	3.74	56	65372	205.829	ug/l	100
14) Allyl chloride	4.49	41	295619	59.716	ug/l	95
15) Acrylonitrile	5.17	53	319607	339.973	ug/l	100
16) Acetone	3.95	43	242660	321.031	ug/l	96
17) Carbon Disulfide	4.20	76	484847	47.360	ug/l	99
18) Methyl Acetate	4.48	43	154859	73.772	ug/l	96
19) Methyl tert-butyl Ether	5.22	73	571616	61.139	ug/l	99
20) Methylene Chloride	4.72	84	226938	60.866	ug/l	94
21) trans-1,2-Dichloroethene	5.23	96	199645	52.907	ug/l	93
22) Diisopropyl ether	6.13	45	700477	63.756	ug/l	96
23) Vinyl Acetate	6.07	43	2295458	313.458	ug/l	99
24) 1,1-Dichloroethane	6.02	63	376978	59.225	ug/l	99
25) 2-Butanone	7.00	43	420360	338.705	ug/l	99
26) 2,2-Dichloropropane	6.99	77	295174	51.493	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	236806	56.997	ug/l	98
28) Bromochloromethane	7.34	49	172651	62.650	ug/l	97
29) Tetrahydrofuran	7.35	42	279084	334.739	ug/l	98
30) Chloroform	7.51	83	387917	59.172	ug/l	97
31) Cyclohexane	7.79	56	300661	48.848	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	329232	55.784	ug/l	99
36) 1,1-Dichloropropene	7.92	75	281333	49.348	ug/l	99
37) Ethyl Acetate	7.08	43	192705	62.767	ug/l	97
38) Carbon Tetrachloride	7.91	117	292574	49.711	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	324204	45.269	ug/l	95
40) Benzene	8.16	78	834157	53.139	ug/l	96
41) Methacrylonitrile	7.33	41	102015m	55.171	ug/l	
42) 1,2-Dichloroethane	8.24	62	265488	54.936	ug/l	99
43) Isopropyl Acetate	8.27	43	359185	60.441	ug/l	98
44) Trichloroethene	8.94	130	235571	48.953	ug/l	95
45) 1,2-Dichloropropane	9.22	63	228677	56.299	ug/l	99
46) Dibromomethane	9.30	93	132485	55.845	ug/l	98
47) Bromodichloromethane	9.50	83	315412	55.901	ug/l	100
48) Methyl methacrylate	9.30	41	161257	60.698	ug/l	98
49) 1,4-Dioxane	9.30	88	36887	1225.105	ug/l #	88
51) 4-Methyl-2-Pentanone	10.07	43	958040	310.161	ug/l	99
52) Toluene	10.24	92	528798	52.704	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	326602	55.868	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	364689	54.143	ug/l	95
55) 1,1,2-Trichloroethane	10.64	97	188872	56.183	ug/l	97
56) Ethyl methacrylate	10.51	69	270848	59.261	ug/l	97
57) 1,3-Dichloropropane	10.79	76	324583	56.944	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	695392	298.336	ug/l	98
59) 2-Hexanone	10.83	43	671166	311.267	ug/l	100
60) Dibromochloromethane	10.99	129	238852	56.490	ug/l	100
61) 1,2-Dibromoethane	11.09	107	182794	55.093	ug/l	100
64) Tetrachloroethene	10.72	164	241262	46.249	ug/l	99
65) Chlorobenzene	11.52	112	593553	52.662	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	237679	54.295	ug/l	99
67) Ethyl Benzene	11.59	91	1036009	51.481	ug/l	100
68) m/p-Xylenes	11.70	106	781206	102.310	ug/l	99
69) o-Xylene	12.03	106	380039	53.276	ug/l	100
70) Styrene	12.04	104	664560	54.460	ug/l	99
71) Bromoform	12.20	173	162199	56.454	ug/l #	99
73) Isopropylbenzene	12.33	105	1020898	51.377	ug/l	100
74) N-amyl acetate	12.14	43	322723	57.883	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	224681	58.545	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	155923m	56.492	ug/l	
77) Bromobenzene	12.61	156	271093	53.522	ug/l	99
78) n-propylbenzene	12.67	91	1206948	51.529	ug/l	99
79) 2-Chlorotoluene	12.75	91	681125	52.120	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	863087	52.114	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	78449	55.316	ug/l	96
82) 4-Chlorotoluene	12.85	91	708961	51.976	ug/l	100
83) tert-Butylbenzene	13.07	119	745293	51.002	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	870220	52.223	ug/l	98
85) sec-Butylbenzene	13.25	105	1035575	51.560	ug/l	100
86) p-Isopropyltoluene	13.37	119	950218	50.669	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	502670	52.480	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	497685	52.481	ug/l	99
89) n-Butylbenzene	13.69	91	877281	49.733	ug/l	100
90) Hexachloroethane	13.96	117	191470	56.064	ug/l	99
91) 1,2-Dichlorobenzene	13.73	146	459751	54.695	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	35235	56.631	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	305712	51.124	ug/l	99
94) Hexachlorobutadiene	15.11	225	198206	48.373	ug/l	100
95) Naphthalene	15.23	128	571285	57.807	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	255065	53.959	ug/l	99

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

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