

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY062920\
 Data File : VY003000.D
 Acq On : 29 Jun 2020 11:31
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

MMDadoda
 6/30/2020 12:54:03 PM

Quant Time: Jun 29 17:48:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:26:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	469183	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	691468	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	630861	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	335192	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	44588	9.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.14%	
35) Dibromofluoromethane	7.72	113	42595	9.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.74%	
50) Toluene-d8	10.18	98	155323	9.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.34%	
62) 4-Bromofluorobenzene	12.48	95	54529	9.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	33425	9.407	ug/l	98
3) Chloromethane	2.12	50	54202	10.417	ug/l	99
4) Vinyl Chloride	2.26	62	50820	10.013	ug/l	93
5) Bromomethane	2.65	94	34789	10.095	ug/l	97
6) Chloroethane	2.79	64	32605	10.098	ug/l	95
7) Trichlorofluoromethane	3.13	101	71079	9.922	ug/l	97
8) Diethyl Ether	3.53	74	24616	10.023	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.91	101	43112	10.079	ug/l	99
10) Methyl Iodide	4.10	142	50998	9.615	ug/l	99
11) Tert butyl alcohol	4.96	59	24545	51.684	ug/l	100
12) 1,1-Dichloroethene	3.88	96	41164	10.114	ug/l	95
13) Acrolein	3.74	56	22384	52.479	ug/l	99
14) Allyl chloride	4.49	41	71728	10.094	ug/l	100
15) Acrylonitrile	5.18	53	63177	49.915	ug/l	100
16) Acetone	3.95	43	53792	48.945	ug/l	96
17) Carbon Disulfide	4.20	76	131760	10.133	ug/l	97
18) Methyl Acetate	4.49	43	29059	9.814	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	117601	9.913	ug/l	94
20) Methylene Chloride	4.72	84	72173	11.766	ug/l	93
21) trans-1,2-Dichloroethene	5.22	96	48529	10.542	ug/l	93
22) Diisopropyl ether	6.13	45	152468	10.011	ug/l	98
23) Vinyl Acetate	6.07	43	505941	49.689	ug/l	99
24) 1,1-Dichloroethane	6.04	63	84243	10.126	ug/l	99
25) 2-Butanone	6.99	43	85800	49.146	ug/l	98
26) 2,2-Dichloropropane	6.99	77	77863	10.301	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	52430	10.154	ug/l	99
28) Bromochloromethane	7.34	49	35413	9.567	ug/l	96
29) Tetrahydrofuran	7.35	42	57875	49.850	ug/l	98
30) Chloroform	7.52	83	83936	10.184	ug/l	99
31) Cyclohexane	7.79	56	85517	10.434	ug/l #	80
32) 1,1,1-Trichloroethane	7.71	97	76624	10.185	ug/l	99
36) 1,1-Dichloropropene	7.93	75	68570	10.295	ug/l	99
37) Ethyl Acetate	7.08	43	39036	9.748	ug/l	96
38) Carbon Tetrachloride	7.91	117	69462	10.024	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	82967	10.047	ug/l	97
40) Benzene	8.16	78	185326	10.163	ug/l	99
41) Methacrylonitrile	7.33	41	19503m	3.971	ug/l	
42) 1,2-Dichloroethane	8.24	62	56942	9.871	ug/l	97
43) Isopropyl Acetate	8.28	43	75922	9.973	ug/l	98
44) Trichloroethene	8.94	130	53823	10.155	ug/l	96
45) 1,2-Dichloropropane	9.22	63	49501	10.090	ug/l	98
46) Dibromomethane	9.31	93	28254	10.312	ug/l	96
47) Bromodichloromethane	9.50	83	67387	10.044	ug/l	99
48) Methyl methacrylate	9.30	41	34276	9.891	ug/l	98
49) 1,4-Dioxane	9.30	88	6680	199.721	ug/l	94
51) 4-Methyl-2-Pentanone	10.07	43	194170	49.346	ug/l	99
52) Toluene	10.24	92	116297	10.131	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	70019	9.954	ug/l	95
54) cis-1,3-Dichloropropene	9.93	75	81177	10.091	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	39420	10.353	ug/l	98
56) Ethyl methacrylate	10.51	69	53621	9.729	ug/l	98
57) 1,3-Dichloropropane	10.79	76	67609	10.115	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	126906	44.896	ug/l	100
59) 2-Hexanone	10.83	43	137814	50.108	ug/l	98
60) Dibromochloromethane	10.99	129	49093	10.076	ug/l	98
61) 1,2-Dibromoethane	11.09	107	38015	10.128	ug/l	98
64) Tetrachloroethene	10.72	164	53896	10.094	ug/l	98
65) Chlorobenzene	11.52	112	126593	10.177	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	48194	9.923	ug/l	99
67) Ethyl Benzene	11.59	91	231107	10.155	ug/l	98
68) m/p-Xylenes	11.70	106	171293	20.224	ug/l	100
69) o-Xylene	12.03	106	79776	9.995	ug/l	100
70) Styrene	12.04	104	135956	9.971	ug/l	99
71) Bromoform	12.20	173	32643	10.080	ug/l #	99
73) Isopropylbenzene	12.33	105	219083	9.987	ug/l	99
74) N-amyl acetate	12.14	43	70115	9.818	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	44983	10.161	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	34855m	6.084	ug/l	
77) Bromobenzene	12.61	156	55430	9.855	ug/l	99
78) n-propylbenzene	12.67	91	268621	10.182	ug/l	100
79) 2-Chlorotoluene	12.75	91	148401	10.078	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	186253	10.118	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	17687	10.373	ug/l #	82
82) 4-Chlorotoluene	12.85	91	158217	10.319	ug/l	99
83) tert-Butylbenzene	13.08	119	162837	10.074	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	186452	10.052	ug/l	100
85) sec-Butylbenzene	13.25	105	224588	10.081	ug/l	99
86) p-Isopropyltoluene	13.37	119	209597	10.153	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	105578	10.054	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	106680	10.303	ug/l	97
89) n-Butylbenzene	13.69	91	201620	10.207	ug/l	100
90) Hexachloroethane	13.96	117	40866	9.969	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	97490	10.348	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	7805	9.959	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	72933	10.418	ug/l	98
94) Hexachlorobutadiene	15.11	225	45359	10.272	ug/l	99
95) Naphthalene	15.23	128	126873	9.922	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	62961	10.357	ug/l	98

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

