

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061220\
 Data File : VX016741.D
 Acq On : 12 Jun 2020 20:05
 Operator : JC/SP
 Sample : L3004-04MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF015RW050-200611MS

Manual Integrations
 APPROVED

MMDadoda
 6/15/2020 11:10:02 AM

Quant Time: Jun 13 06:30:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	216093	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	327269	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	313830	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	171201	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	131372	48.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.90%	
35) Dibromofluoromethane	5.47	113	108017	53.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.20%	
50) Toluene-d8	8.70	98	395618	50.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.88%	
62) 4-Bromofluorobenzene	11.12	95	158152	52.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.36%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.18	85	91812	43.173	ug/l	100
3) Chloromethane	1.31	50	101194	39.377	ug/l	99
4) Vinyl Chloride	1.39	62	116474	42.857	ug/l	99
5) Bromomethane	1.62	94	58514	44.281	ug/l	97
6) Chloroethane	1.70	64	75612	47.694	ug/l	97
7) Trichlorofluoromethane	1.91	101	189548	53.107	ug/l	98
8) Diethyl Ether	2.17	74	71708	48.182	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.36	101	100470	51.146	ug/l	97
10) Methyl Iodide	2.49	142	90800	39.381	ug/l	99
11) Tert butyl alcohol	3.03	59	164019	238.345	ug/l	100
12) 1,1-Dichloroethene	2.35	96	101734	48.928	ug/l	98
13) Acrolein	2.27	56	74927	255.956	ug/l	97
14) Allyl chloride	2.70	41	166149	43.450	ug/l	97
15) Acrylonitrile	3.12	53	346510	245.813	ug/l	99
16) Acetone	2.42	43	293687	249.788	ug/l	100
17) Carbon Disulfide	2.54	76	257677	41.731	ug/l	99
18) Methyl Acetate	2.75	43	152487	50.567	ug/l	95
19) Methyl tert-butyl Ether	3.17	73	384720	51.527	ug/l	96
20) Methylene Chloride	2.83	84	119139	48.977	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	114547	49.805	ug/l	90
22) Diisopropyl ether	3.82	45	334533	45.540	ug/l	97
23) Vinyl Acetate	3.78	43	1408207	219.010	ug/l	96
24) 1,1-Dichloroethane	3.67	63	202307	48.794	ug/l	100
25) 2-Butanone	4.64	43	465202	233.505	ug/l	94
26) 2,2-Dichloropropane	4.55	77	159701	47.072	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	132817	49.918	ug/l	96
28) Bromochloromethane	4.98	49	82183	42.655	ug/l #	82
29) Tetrahydrofuran	5.09	42	298661	232.044	ug/l	93
30) Chloroform	5.18	83	218410	52.281	ug/l	98
31) Cyclohexane	5.55	56	156211	41.880	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	199657	52.789	ug/l	98
36) 1,1-Dichloropropene	5.77	75	149469	48.237	ug/l	96
37) Ethyl Acetate	4.79	43	163785	44.026	ug/l	96
38) Carbon Tetrachloride	5.76	117	180645	55.475	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	161999	48.134	ug/l	98
40) Benzene	6.11	78	462854	50.160	ug/l	99
41) Methacrylonitrile	5.01	41	94019	46.010	ug/l	95
42) 1,2-Dichloroethane	6.16	62	171961	52.402	ug/l	100
43) Isopropyl Acetate	6.42	43	264034	45.502	ug/l	97
44) Trichloroethene	7.19	130	137402	46.932	ug/l	94
45) 1,2-Dichloropropane	7.49	63	116370	49.538	ug/l	98
46) Dibromomethane	7.63	93	83241	52.756	ug/l	94
47) Bromodichloromethane	7.88	83	177875	54.445	ug/l	98
48) Methyl methacrylate	7.74	41	130922	47.122	ug/l	94
49) 1,4-Dioxane	7.71	88	62477	960.877	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	887989	245.765	ug/l	98
52) Toluene	8.77	92	303723	52.197	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	192253	51.751	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	196900	50.074	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	128120	55.378	ug/l	96
56) Ethyl methacrylate	9.16	69	192983	51.217	ug/l	97
57) 1,3-Dichloropropane	9.35	76	207083	52.147	ug/l	100
59) 2-Hexanone	9.48	43	696299	247.811	ug/l	97
60) Dibromochloromethane	9.57	129	152188	58.453	ug/l	99
61) 1,2-Dibromoethane	9.65	107	134563	54.314	ug/l	100
64) Tetrachloroethene	9.32	164	139779	39.811	ug/l	97
65) Chlorobenzene	10.12	112	337062	52.681	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	135862	55.628	ug/l	99
67) Ethyl Benzene	10.24	91	575393	50.511	ug/l	99
68) m/p-Xylenes	10.34	106	440574	104.312	ug/l	100
69) o-Xylene	10.68	106	213073	52.091	ug/l	96
70) Styrene	10.70	104	379684	54.003	ug/l	100
71) Bromoform	10.84	173	123104	59.640	ug/l #	99
73) Isopropylbenzene	11.00	105	574037	48.392	ug/l	100
74) N-amyl acetate	10.88	43	215673	39.527	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.26	83	181230	60.961	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	181183m	48.147	ug/l	
77) Bromobenzene	11.24	156	157996	50.783	ug/l	93
78) n-propylbenzene	11.34	91	637110	48.074	ug/l	99
79) 2-Chlorotoluene	11.40	91	392930	48.574	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	496237	50.101	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	68455	44.748	ug/l	98
82) 4-Chlorotoluene	11.49	91	463810	48.553	ug/l	98
83) tert-Butylbenzene	11.76	119	466390	55.108	ug/l	95
84) 1,2,4-Trimethylbenzene	11.79	105	505484	50.463	ug/l	99
85) sec-Butylbenzene	11.93	105	541637	51.017	ug/l	99
86) p-Isopropyltoluene	12.05	119	524585	52.748	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	279883	51.925	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	282877	51.313	ug/l	98
89) n-Butylbenzene	12.37	91	417431	50.392	ug/l	97
90) Hexachloroethane	12.58	117	93831	54.623	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	273289	52.332	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	49145	51.036	ug/l	97
93) 1,2,4-Trichlorobenzene	13.63	180	188115	54.239	ug/l	99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.76	225	79801	58.603	ug/l	99
95) Naphthalene	13.82	128	624286	52.507	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	188782	55.559	ug/l	100

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

