

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063020\
 Data File : VX017056.D
 Acq On : 30 Jun 2020 19:26
 Operator : JC/SP
 Sample : L3112-04MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 61BR-20200624MS

Manual Integrations
 APPROVED

MMDadoda
 7/1/2020 10:49:37 AM

Quant Time: Jul 01 09:38:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	261429	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	415947	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	399681	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	210072	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	162300	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
35) Dibromofluoromethane	5.46	113	132802	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
50) Toluene-d8	8.70	98	490111	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	
62) 4-Bromofluorobenzene	11.12	95	194986	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	119903	47.408	ug/l	97
3) Chloromethane	1.31	50	133125	43.485	ug/l	99
4) Vinyl Chloride	1.39	62	133113	46.864	ug/l	99
5) Bromomethane	1.62	94	66248	44.145	ug/l	97
6) Chloroethane	1.71	64	77882	46.426	ug/l	99
7) Trichlorofluoromethane	1.92	101	201247	47.906	ug/l	97
8) Diethyl Ether	2.17	74	71005	50.233	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	114733	45.569	ug/l	97
10) Methyl Iodide	2.49	142	114857	35.353	ug/l	97
11) Tert butyl alcohol	3.01	59	146924	238.966	ug/l	99
12) 1,1-Dichloroethene	2.36	96	121647	47.032	ug/l	97
13) Acrolein	2.27	56	89203	242.706	ug/l	100
14) Allyl chloride	2.71	41	216558	45.305	ug/l	99
15) Acrylonitrile	3.12	53	373647	252.800	ug/l	100
16) Acetone	2.42	43	305571	253.448	ug/l	99
17) Carbon Disulfide	2.55	76	351278	48.670	ug/l	100
18) Methyl Acetate	2.75	43	150849	47.929	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	423151	48.746	ug/l	100
20) Methylene Chloride	2.84	84	137239	49.626	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	137197	47.798	ug/l	99
22) Diisopropyl ether	3.82	45	428395	48.423	ug/l	99
23) Vinyl Acetate	3.79	43	1814248	238.645	ug/l	99
24) 1,1-Dichloroethane	3.67	63	239660	47.609	ug/l	99
25) 2-Butanone	4.64	43	513133	255.426	ug/l	100
26) 2,2-Dichloropropane	4.56	77	180974	40.490	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	179806	55.287	ug/l	97
28) Bromochloromethane	4.98	49	115164	47.014	ug/l	100
29) Tetrahydrofuran	5.09	42	338737	255.199	ug/l	99
30) Chloroform	5.18	83	246817	47.830	ug/l	98
31) Cyclohexane	5.55	56	203357	46.736	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	224783	47.299	ug/l	99
36) 1,1-Dichloropropene	5.77	75	180742	45.976	ug/l	99
37) Ethyl Acetate	4.79	43	187599	47.033	ug/l	100
38) Carbon Tetrachloride	5.76	117	206827	47.767	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	198430	45.366	ug/l	98
40) Benzene	6.12	78	540129	46.762	ug/l	99
41) Methacrylonitrile	5.01	41	113191	50.421	ug/l	99
42) 1,2-Dichloroethane	6.17	62	200849	48.141	ug/l	100
43) Isopropyl Acetate	6.42	43	307296	46.364	ug/l	100
44) Trichloroethene	7.19	130	158952	49.869	ug/l	99
45) 1,2-Dichloropropane	7.49	63	141187	47.591	ug/l	99
46) Dibromomethane	7.64	93	96752	47.769	ug/l	99
47) Bromodichloromethane	7.88	83	203047	48.646	ug/l	97
48) Methyl methacrylate	7.74	41	160349	50.922	ug/l	99
49) 1,4-Dioxane	7.71	88	61055	855.859	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1002141	253.648	ug/l	100
52) Toluene	8.77	92	345208	47.869	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	215887	46.878	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	222543	45.078	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	143509	48.706	ug/l	99
56) Ethyl methacrylate	9.16	69	212753	50.731	ug/l	99
57) 1,3-Dichloropropane	9.35	76	238472	47.832	ug/l	99
59) 2-Hexanone	9.47	43	771409	267.341	ug/l	99
60) Dibromochloromethane	9.57	129	168279	49.173	ug/l	100
61) 1,2-Dibromoethane	9.65	107	156988	49.569	ug/l	97
64) Tetrachloroethene	9.32	164	138401	42.906	ug/l	93
65) Chlorobenzene	10.12	112	383555	46.496	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	149763	47.108	ug/l	99
67) Ethyl Benzene	10.24	91	662040	48.057	ug/l	98
68) m/p-Xylenes	10.34	106	513612	97.098	ug/l	98
69) o-Xylene	10.68	106	243334	48.357	ug/l	98
70) Stvrene	10.70	104	428446	50.000	ug/l	100
71) Bromoform	10.84	173	130985	51.957	ug/l #	98
73) Isopropylbenzene	11.00	105	652312	47.407	ug/l	99
74) N-amyl acetate	10.88	43	271852	46.302	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	204971	47.356	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	198610m	48.079	ug/l	
77) Bromobenzene	11.24	156	174041	46.022	ug/l	98
78) n-propylbenzene	11.34	91	717837	46.133	ug/l	99
79) 2-Chlorotoluene	11.40	91	442837	47.024	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	549931	48.182	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	72782	45.626	ug/l	99
82) 4-Chlorotoluene	11.49	91	525932	46.718	ug/l	100
83) tert-Butylbenzene	11.76	119	543385	48.499	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	555212	47.950	ug/l	99
85) sec-Butylbenzene	11.93	105	618143	46.935	ug/l	100
86) p-Isopropyltoluene	12.05	119	574819	46.884	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	305108	44.422	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	305743	47.192	ug/l	99
89) n-Butylbenzene	12.37	91	480947	43.933	ug/l	99
90) Hexachloroethane	12.58	117	111361	46.059	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	292540	45.566	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	47961	46.450	ug/l	99
93) 1,2,4-Trichlorobenzene	13.63	180	190664	43.510	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	67713	40.872	ug/l	98
95) Naphthalene	13.82	128	645442	48.449	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	193026	45.516	ug/l	99

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

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