

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060820\
 Data File : VX016629.D
 Acq On : 08 Jun 2020 11:30
 Operator : JC/SP
 Sample : VX0608WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/9/2020 11:41:15 AM

Quant Time: Jun 09 05:50:31 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	239967	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	353768	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	330750	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	168013	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	136815	45.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.82%	
35) Dibromofluoromethane	5.46	113	109700	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
50) Toluene-d8	8.70	98	425235	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
62) 4-Bromofluorobenzene	11.12	95	161420	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	39481	16.718	ug/l	94
3) Chloromethane	1.32	50	45068	15.792	ug/l	100
4) Vinyl Chloride	1.39	62	48671	16.127	ug/l	96
5) Bromomethane	1.63	94	33292	22.688	ug/l	97
6) Chloroethane	1.71	64	31352	17.809	ug/l	100
7) Trichlorofluoromethane	1.92	101	76153	19.214	ug/l	99
8) Diethyl Ether	2.17	74	28620	17.317	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	42505	19.485	ug/l	96
10) Methyl Iodide	2.49	142	39300	17.213	ug/l	100
11) Tert butyl alcohol	3.01	59	62899	82.309	ug/l	99
12) 1,1-Dichloroethene	2.36	96	41849	18.124	ug/l	96
13) Acrolein	2.27	56	31327	96.369	ug/l	95
14) Allyl chloride	2.70	41	67404	15.873	ug/l	97
15) Acrylonitrile	3.11	53	126065	80.533	ug/l	99
16) Acetone	2.42	43	108129	82.817	ug/l	100
17) Carbon Disulfide	2.55	76	109318	15.943	ug/l	99
18) Methyl Acetate	2.75	43	57328	17.119	ug/l	95
19) Methyl tert-butyl Ether	3.17	73	147295	17.765	ug/l	98
20) Methylene Chloride	2.84	84	47298	17.509	ug/l	92
21) trans-1,2-Dichloroethene	3.14	96	44530	17.435	ug/l	95
22) Diisopropyl ether	3.82	45	134115	16.441	ug/l	95
23) Vinyl Acetate	3.78	43	574523	80.463	ug/l	98
24) 1,1-Dichloroethane	3.67	63	80395	17.461	ug/l	99
25) 2-Butanone	4.64	43	171622	77.574	ug/l	93
26) 2,2-Dichloropropane	4.55	77	76805	20.386	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	52130	17.643	ug/l	98
28) Bromochloromethane	4.98	49	34705	16.221	ug/l	85
29) Tetrahydrofuran	5.09	42	111399	77.940	ug/l	94
30) Chloroform	5.18	83	84672	18.251	ug/l	98
31) Cyclohexane	5.55	56	65385	15.785	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	79894	19.022	ug/l	98
36) 1,1-Dichloropropene	5.76	75	60688	18.118	ug/l	99
37) Ethyl Acetate	4.79	43	64804	16.115	ug/l	97
38) Carbon Tetrachloride	5.75	117	69833	19.839	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	66951	18.403	ug/l	98
40) Benzene	6.11	78	183719	18.419	ug/l	100
41) Methacrylonitrile	4.99	41	36253	16.412	ug/l	97
42) 1,2-Dichloroethane	6.16	62	67009	18.890	ug/l	100
43) Isopropyl Acetate	6.41	43	101842	16.236	ug/l	97
44) Trichloroethene	7.19	130	62658	19.799	ug/l	93
45) 1,2-Dichloropropane	7.49	63	45519	17.926	ug/l	99
46) Dibromomethane	7.64	93	32191	18.874	ug/l	98
47) Bromodichloromethane	7.87	83	67608	19.144	ug/l	100
48) Methyl methacrylate	7.74	41	48222	16.056	ug/l	95
49) 1,4-Dioxane	7.71	88	25561	363.674	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	327888	83.951	ug/l	97
52) Toluene	8.76	92	118525	18.843	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	76079	18.945	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	80430	18.922	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	47642	19.050	ug/l	97
56) Ethyl methacrylate	9.16	69	71025	17.438	ug/l	97
57) 1,3-Dichloropropane	9.35	76	80830	18.830	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	184058	86.577	ug/l	95
59) 2-Hexanone	9.47	43	253625	83.503	ug/l	97
60) Dibromochloromethane	9.57	129	56247	19.985	ug/l	98
61) 1,2-Dibromoethane	9.65	107	51751	19.324	ug/l	99
64) Tetrachloroethene	9.32	164	74460	20.122	ug/l	99
65) Chlorobenzene	10.12	112	128962	19.125	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	51477	19.999	ug/l	99
67) Ethyl Benzene	10.24	91	221870	18.481	ug/l	99
68) m/p-Xylenes	10.34	106	168937	37.952	ug/l	98
69) o-Xylene	10.68	106	80900	18.766	ug/l	99
70) Styrene	10.70	104	139770	18.863	ug/l	99
71) Bromoform	10.84	173	43160	19.840	ug/l #	97
73) Isopropylbenzene	11.00	105	219647	18.868	ug/l	100
74) N-amyl acetate	10.88	43	84933	15.861	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.25	83	50222	17.214	ug/l	97
76) 1,2,3-Trichloropropane	11.28	75	68098m	18.440	ug/l	
77) Bromobenzene	11.24	156	57714	18.902	ug/l	96
78) n-propylbenzene	11.34	91	239951	18.449	ug/l	99
79) 2-Chlorotoluene	11.40	91	148819	18.746	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	187650	19.305	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	26196	17.449	ug/l	97
82) 4-Chlorotoluene	11.49	91	177083	18.889	ug/l	99
83) tert-Butylbenzene	11.76	119	160580	19.334	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	187987	19.123	ug/l	100
85) sec-Butylbenzene	11.93	105	200473	19.241	ug/l	100
86) p-Isopropyltoluene	12.05	119	191131	19.583	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	101746	19.234	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	102051	18.863	ug/l	98
89) n-Butylbenzene	12.37	91	155657	19.148	ug/l	99
90) Hexachloroethane	12.58	117	33282	19.742	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	99830	19.479	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	16397	17.351	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	68673	20.176	ug/l	98
94) Hexachlorobutadiene	13.77	225	31530	23.594	ug/l	97
95) Naphthalene	13.82	128	213390	18.288	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	66611	19.976	ug/l	97

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

