

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073120\
 Data File : VX017693.D
 Acq On : 31 Jul 2020 11:57
 Operator : JC/SP
 Sample : VX0731WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/3/2020 5:02:25 PM

Quant Time: Aug 01 03:21:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	533107	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	783705	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	731559	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	401723	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	345791	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
35) Dibromofluoromethane	5.46	113	267854	51.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.20%	
50) Toluene-d8	8.70	98	977270	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	
62) 4-Bromofluorobenzene	11.12	95	359918	47.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	90230	17.583	ug/l	97
3) Chloromethane	1.31	50	111742	17.200	ug/l	98
4) Vinyl Chloride	1.39	62	114745	17.104	ug/l	99
5) Bromomethane	1.63	94	83917	21.540	ug/l	97
6) Chloroethane	1.72	64	71404	18.826	ug/l	99
7) Trichlorofluoromethane	1.92	101	196874	18.658	ug/l	98
8) Diethyl Ether	2.17	74	66732	18.653	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	107003	18.479	ug/l	98
10) Methyl Iodide	2.49	142	114401	15.443	ug/l	96
11) Tert butyl alcohol	3.01	59	121309	84.051	ug/l	99
12) 1,1-Dichloroethene	2.36	96	98433	17.876	ug/l	99
13) Acrolein	2.27	56	92456	86.661	ug/l	99
14) Allyl chloride	2.71	41	184774	18.377	ug/l	100
15) Acrylonitrile	3.11	53	271668	87.149	ug/l	99
16) Acetone	2.42	43	265099	87.955	ug/l	99
17) Carbon Disulfide	2.55	76	270460	16.160	ug/l	98
18) Methyl Acetate	2.75	43	135892	19.144	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	338696	17.771	ug/l	100
20) Methylene Chloride	2.84	84	114269	19.343	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	104728	17.754	ug/l	95
22) Diisopropyl ether	3.82	45	340503	18.521	ug/l	93
23) Vinyl Acetate	3.78	43	1480711	90.331	ug/l	99
24) 1,1-Dichloroethane	3.67	63	194224	18.340	ug/l	97
25) 2-Butanone	4.63	43	386324	90.225	ug/l	99
26) 2,2-Dichloropropane	4.55	77	186469	19.670	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	119039	18.579	ug/l	98
28) Bromochloromethane	4.98	49	91107	18.984	ug/l	96
29) Tetrahydrofuran	5.09	42	245663	92.625	ug/l	99
30) Chloroform	5.17	83	206789	19.110	ug/l	95
31) Cyclohexane	5.54	56	158208	18.733	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	196692	19.276	ug/l	99
36) 1,1-Dichloropropene	5.77	75	147087	19.569	ug/l	99
37) Ethyl Acetate	4.79	43	151081	18.370	ug/l	98
38) Carbon Tetrachloride	5.75	117	183395	20.092	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	163330	18.614	ug/l	99
40) Benzene	6.11	78	420243	19.501	ug/l	99
41) Methacrylonitrile	5.00	41	87927	18.652	ug/l	99
42) 1,2-Dichloroethane	6.16	62	174566	19.801	ug/l	98
43) Isopropyl Acetate	6.41	43	261730	19.288	ug/l	100
44) Trichloroethene	7.18	130	123926	19.678	ug/l	98
45) 1,2-Dichloropropane	7.49	63	113679	19.030	ug/l	100
46) Dibromomethane	7.63	93	80430	19.051	ug/l	96
47) Bromodichloromethane	7.87	83	178229	20.981	ug/l	98
48) Methyl methacrylate	7.74	41	120710	17.946	ug/l	97
49) 1,4-Dioxane	7.71	88	48432	375.566	ug/l	94
51) 4-Methyl-2-Pentanone	8.62	43	820803	101.380	ug/l	98
52) Toluene	8.76	92	281468	20.367	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	179464	18.873	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	197923	20.406	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	111738	19.409	ug/l	99
56) Ethyl methacrylate	9.16	69	164328	18.946	ug/l	99
57) 1,3-Dichloropropane	9.35	76	182914	19.295	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	419225	91.743	ug/l	99
59) 2-Hexanone	9.47	43	573414	94.070	ug/l	98
60) Dibromochloromethane	9.57	129	139290	19.036	ug/l	98
61) 1,2-Dibromoethane	9.65	107	120598	19.676	ug/l	100
64) Tetrachloroethene	9.32	164	130856	19.929	ug/l	97
65) Chlorobenzene	10.12	112	294230	18.581	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	123225	19.282	ug/l	98
67) Ethyl Benzene	10.23	91	502290	19.003	ug/l	98
68) m/p-Xylenes	10.34	106	389343	38.022	ug/l	97
69) o-Xylene	10.68	106	181667	18.446	ug/l	99
70) Styrene	10.70	104	317699	18.960	ug/l	99
71) Bromoform	10.84	173	102681	18.545	ug/l #	98
73) Isopropylbenzene	11.00	105	511652	18.566	ug/l	99
74) N-amyl acetate	10.88	43	204526	16.703	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	156779	18.226	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	157227m	19.026	ug/l	
77) Bromobenzene	11.24	156	143784	18.636	ug/l	100
78) n-propylbenzene	11.34	91	590021	18.983	ug/l	98
79) 2-Chlorotoluene	11.40	91	345620	17.950	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	432614	18.386	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	56860	17.338	ug/l	97
82) 4-Chlorotoluene	11.49	91	411608	18.123	ug/l	99
83) tert-Butylbenzene	11.76	119	423437	18.807	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	441458	18.863	ug/l	98
85) sec-Butylbenzene	11.93	105	508896	19.403	ug/l	99
86) p-Isopropyltoluene	12.05	119	493124	19.743	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	261083	19.706	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	258563	18.841	ug/l	98
89) n-Butylbenzene	12.37	91	406797	18.278	ug/l	98
90) Hexachloroethane	12.58	117	88807	18.035	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	241075	18.514	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	39535	17.991	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	159366	17.933	ug/l	98
94) Hexachlorobutadiene	13.77	225	78104	19.093	ug/l	99
95) Naphthalene	13.82	128	480869	18.126	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	165828	18.898	ug/l	99

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

