

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073120\
 Data File : VX017717.D
 Acq On : 31 Jul 2020 22:20
 Operator : JC/SP
 Sample : VX0731WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBS02

Manual Integrations
 APPROVED

MMDadoda
 8/3/2020 5:02:35 PM

Quant Time: Aug 01 04:49:15 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	5.64	168	518489	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	807150	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	732625	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	394412	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	362283	54.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.80%	
35) Dibromofluoromethane	5.46	113	284258	52.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.32%	
50) Toluene-d8	8.70	98	977134	50.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.36%	
62) 4-Bromofluorobenzene	11.12	95	388508	49.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.70%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.18	85	91538	18.385	ug/l	100
3) Chloromethane	1.32	50	108940	17.240	ug/l	97
4) Vinyl Chloride	1.39	62	112572	17.254	ug/l	99
5) Bromomethane	1.63	94	84822	22.513	ug/l	98
6) Chloroethane	1.72	64	68130	18.455	ug/l	97
7) Trichlorofluoromethane	1.92	101	185782	18.103	ug/l	100
8) Diethyl Ether	2.17	74	63817	18.318	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	95279	16.918	ug/l	96
10) Methyl Iodide	2.50	142	104286	14.474	ug/l	95
11) Tert butyl alcohol	3.01	59	133777	95.303	ug/l	98
12) 1,1-Dichloroethene	2.36	96	96332	17.988	ug/l	93
13) Acrolein	2.28	56	73043	71.173	ug/l	97
14) Allyl chloride	2.71	41	177716	18.173	ug/l	99
15) Acrylonitrile	3.12	53	289571	95.511	ug/l	99
16) Acetone	2.42	43	276159	94.207	ug/l	97
17) Carbon Disulfide	2.55	76	259658	15.952	ug/l	99
18) Methyl Acetate	2.75	43	141105	20.439	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	342358	18.470	ug/l	100
20) Methylene Chloride	2.84	84	113317	19.748	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	106367	18.540	ug/l	96
22) Diisopropyl ether	3.82	45	349546	19.549	ug/l #	83
23) Vinyl Acetate	3.79	43	1538406	96.497	ug/l	100
24) 1,1-Dichloroethane	3.67	63	196478	19.075	ug/l	97
25) 2-Butanone	4.64	43	415513	99.778	ug/l	99
26) 2,2-Dichloropropane	4.56	77	159213	17.268	ug/l	96
27) cis-1,2-Dichloroethene	4.57	96	123411	19.804	ug/l	95
28) Bromochloromethane	4.98	49	99020	21.214	ug/l	97
29) Tetrahydrofuran	5.09	42	264570	102.566	ug/l	99
30) Chloroform	5.18	83	209005	19.859	ug/l	100
31) Cyclohexane	5.55	56	152660	18.586	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	195150	19.664	ug/l	99
36) 1,1-Dichloropropene	5.77	75	145355	18.777	ug/l	99
37) Ethyl Acetate	4.80	43	158472	18.709	ug/l	100
38) Carbon Tetrachloride	5.76	117	180709	19.223	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	146334	16.193	ug/l	98
40) Benzene	6.12	78	430807	19.411	ug/l	99
41) Methacrylonitrile	5.00	41	88644	18.258	ug/l	95
42) 1,2-Dichloroethane	6.17	62	176709	19.462	ug/l	99
43) Isopropyl Acetate	6.42	43	262737	18.800	ug/l	99
44) Trichloroethene	7.19	130	122904	18.949	ug/l	96
45) 1,2-Dichloropropane	7.49	63	113050	18.375	ug/l	98
46) Dibromomethane	7.64	93	81172	18.669	ug/l	99
47) Bromodichloromethane	7.88	83	167608	19.158	ug/l	100
48) Methyl methacrylate	7.75	41	121645	17.560	ug/l	96
49) 1,4-Dioxane	7.71	88	52796	397.515	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	773307	92.739	ug/l	99
52) Toluene	8.76	92	265377	18.645	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	173844	17.751	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	179106	17.930	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	112599	18.990	ug/l	97
56) Ethyl methacrylate	9.16	69	160547	17.972	ug/l	99
57) 1,3-Dichloropropane	9.35	76	182303	18.672	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	372206	79.087	ug/l	100
59) 2-Hexanone	9.47	43	614145	97.826	ug/l	99
60) Dibromochloromethane	9.57	129	141551	18.783	ug/l	98
61) 1,2-Dibromoethane	9.65	107	122892	19.468	ug/l	99
64) Tetrachloroethene	9.32	164	126138	19.183	ug/l	96
65) Chlorobenzene	10.12	112	295132	18.611	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	118815	18.565	ug/l	98
67) Ethyl Benzene	10.24	91	483609	18.269	ug/l	99
68) m/p-Xylenes	10.34	106	373235	36.396	ug/l	97
69) o-Xylene	10.68	106	192541	19.522	ug/l	100
70) Styrene	10.70	104	330928	19.721	ug/l	99
71) Bromoform	10.84	173	110014	19.841	ug/l #	98
73) Isopropylbenzene	11.00	105	520790	19.248	ug/l	100
74) N-amyl acetate	10.88	43	225386	18.748	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	158761	18.798	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	154951m	19.099	ug/l	
77) Bromobenzene	11.24	156	140370	18.531	ug/l	98
78) n-propylbenzene	11.34	91	571560	18.730	ug/l	100
79) 2-Chlorotoluene	11.40	91	355761	18.820	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	440911	19.086	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	55992	17.390	ug/l	96
82) 4-Chlorotoluene	11.49	91	429510	19.261	ug/l	100
83) tert-Butylbenzene	11.76	119	418446	18.930	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	445942	19.408	ug/l	98
85) sec-Butylbenzene	11.93	105	485030	18.836	ug/l	98
86) p-Isopropyltoluene	12.05	119	442102	18.028	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	244901	18.827	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	246161	18.270	ug/l	99
89) n-Butylbenzene	12.37	91	360797	16.512	ug/l	98
90) Hexachloroethane	12.58	117	85311	17.646	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	226826	17.742	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	38153	17.728	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	154054	17.656	ug/l	100
94) Hexachlorobutadiene	13.77	225	67962	16.921	ug/l	99
95) Naphthalene	13.82	128	466523	17.911	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	156224	18.134	ug/l	100

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

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