

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072320\
 Data File : VX017489.D
 Acq On : 23 Jul 2020 14:01
 Operator : JC/SP
 Sample : VX0723WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/24/2020 9:56:23 AM

Quant Time: Jul 24 06:16:01 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	646156	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	976045	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	890442	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	476571	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	426937	51.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.88%	
35) Dibromofluoromethane	5.46	113	329411	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
50) Toluene-d8	8.70	98	1130038	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
62) 4-Bromofluorobenzene	11.12	95	475929	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	135448	22.024	ug/l	97
3) Chloromethane	1.31	50	159639	20.207	ug/l	98
4) Vinyl Chloride	1.39	62	157146	19.327	ug/l	99
5) Bromomethane	1.63	94	106260	22.648	ug/l	98
6) Chloroethane	1.72	64	88810	19.339	ug/l	99
7) Trichlorofluoromethane	1.92	101	236284	18.475	ug/l	99
8) Diethyl Ether	2.17	74	80123	18.465	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	127286	18.136	ug/l	98
10) Methyl Iodide	2.49	142	142683	15.891	ug/l	100
11) Tert butyl alcohol	3.01	59	168040	96.060	ug/l	99
12) 1,1-Dichloroethene	2.36	96	123443	18.496	ug/l	91
13) Acrolein	2.27	56	109278	84.611	ug/l	98
14) Allyl chloride	2.71	41	240634	19.746	ug/l	99
15) Acrylonitrile	3.11	53	366003	96.869	ug/l	99
16) Acetone	2.42	43	335572	91.857	ug/l	100
17) Carbon Disulfide	2.55	76	390298	19.240	ug/l	99
18) Methyl Acetate	2.75	43	167126	19.425	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	447291	19.363	ug/l	98
20) Methylene Chloride	2.83	84	145170	20.338	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	141587	19.803	ug/l	98
22) Diisopropyl ether	3.82	45	467692	20.989	ug/l	96
23) Vinyl Acetate	3.78	43	2069435	104.159	ug/l	99
24) 1,1-Dichloroethane	3.67	63	256661	19.995	ug/l	98
25) 2-Butanone	4.63	43	526031	101.360	ug/l	94
26) 2,2-Dichloropropane	4.54	77	236165	20.554	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	155772	20.059	ug/l	98
28) Bromochloromethane	4.98	49	113673	19.542	ug/l	96
29) Tetrahydrofuran	5.09	42	339314	105.552	ug/l	98
30) Chloroform	5.18	83	247792	18.893	ug/l	97
31) Cyclohexane	5.55	56	202254	19.759	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	233916	18.913	ug/l	98
36) 1,1-Dichloropropene	5.76	75	181134	19.350	ug/l	99
37) Ethyl Acetate	4.79	43	210479	20.550	ug/l	99
38) Carbon Tetrachloride	5.75	117	213600	18.790	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	218842	20.026	ug/l	97
40) Benzene	6.11	78	494757	18.435	ug/l	100
41) Methacrylonitrile	5.00	41	114778	19.550	ug/l	98
42) 1,2-Dichloroethane	6.16	62	206491	18.807	ug/l	98
43) Isopropyl Acetate	6.41	43	307386	18.189	ug/l	100
44) Trichloroethene	7.18	130	149480	19.059	ug/l	97
45) 1,2-Dichloropropane	7.49	63	128869	17.321	ug/l	98
46) Dibromomethane	7.63	93	91874	17.474	ug/l	99
47) Bromodichloromethane	7.88	83	190083	17.967	ug/l	96
48) Methyl methacrylate	7.74	41	148130	17.683	ug/l	98
49) 1,4-Dioxane	7.71	88	66559	414.423	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	896757	88.935	ug/l	99
52) Toluene	8.76	92	307922	17.890	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	209816	17.717	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	219263	18.151	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	130373	18.183	ug/l	97
56) Ethyl methacrylate	9.16	69	197552	18.288	ug/l	99
57) 1,3-Dichloropropane	9.35	76	216342	18.324	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	458910	80.637	ug/l	100
59) 2-Hexanone	9.47	43	706097	93.010	ug/l	97
60) Dibromochloromethane	9.57	129	160218	17.581	ug/l	99
61) 1,2-Dibromoethane	9.65	107	142270	18.638	ug/l	97
64) Tetrachloroethene	9.32	164	149199	18.669	ug/l	96
65) Chlorobenzene	10.12	112	354467	18.391	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	145098	18.653	ug/l	98
67) Ethyl Benzene	10.23	91	599547	18.635	ug/l	98
68) m/p-Xylenes	10.34	106	460125	36.917	ug/l	97
69) o-Xylene	10.68	106	223797	18.669	ug/l	99
70) Styrene	10.70	104	381459	18.703	ug/l	99
71) Bromoform	10.84	173	123104	18.267	ug/l	100
73) Isopropylbenzene	11.00	105	623227	19.063	ug/l	100
74) N-amyl acetate	10.88	43	274934	18.927	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	178855	17.527	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	180145m	18.376	ug/l	
77) Bromobenzene	11.24	156	167333	18.282	ug/l	98
78) n-propylbenzene	11.34	91	706635	19.164	ug/l	100
79) 2-Chlorotoluene	11.41	91	423430	18.538	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	574223	20.571	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	68795	17.683	ug/l	96
82) 4-Chlorotoluene	11.49	91	530302	19.682	ug/l	100
83) tert-Butylbenzene	11.76	119	518037	19.395	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	545694	19.655	ug/l	99
85) sec-Butylbenzene	11.93	105	605397	19.457	ug/l	100
86) p-Isopropyltoluene	12.05	119	566173	19.108	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	302493	19.246	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	297400	18.268	ug/l	99
89) n-Butylbenzene	12.37	91	511721	19.381	ug/l	99
90) Hexachloroethane	12.58	117	103987	17.801	ug/l	93
91) 1,2-Dichlorobenzene	12.38	146	284978	18.448	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	45130	17.409	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	203802	19.331	ug/l	99
94) Hexachlorobutadiene	13.76	225	90423	18.632	ug/l	96
95) Naphthalene	13.82	128	585871	18.616	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	207609	19.944	ug/l	98

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

