

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072320\
 Data File : VX017490.D
 Acq On : 23 Jul 2020 14:28
 Operator : JC/SP
 Sample : VX0723WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0723WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/24/2020 9:56:28 AM

Quant Time: Jul 24 06:17:20 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	629084	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	937496	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	870594	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	453305	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	416834	51.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.16%	
35) Dibromofluoromethane	5.46	113	321765	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	
50) Toluene-d8	8.70	98	1140103	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	
62) 4-Bromofluorobenzene	11.12	95	442059	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	117962	19.592	ug/l	99
3) Chloromethane	1.31	50	151563	19.715	ug/l	99
4) Vinyl Chloride	1.39	62	149866	18.931	ug/l	98
5) Bromomethane	1.63	94	97210	21.085	ug/l	96
6) Chloroethane	1.72	64	88062	19.711	ug/l	96
7) Trichlorofluoromethane	1.92	101	227994	18.311	ug/l	99
8) Diethyl Ether	2.17	74	81918	19.461	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	124459	18.215	ug/l	98
10) Methyl Iodide	2.49	142	138035	15.791	ug/l	97
11) Tert butyl alcohol	3.01	59	156457	91.865	ug/l	100
12) 1,1-Dichloroethene	2.36	96	117152	18.030	ug/l	96
13) Acrolein	2.27	56	108182	85.965	ug/l	99
14) Allyl chloride	2.71	41	210085	17.707	ug/l	97
15) Acrylonitrile	3.11	53	333197	90.579	ug/l	99
16) Acetone	2.42	43	328519	92.367	ug/l	99
17) Carbon Disulfide	2.55	76	356874	18.070	ug/l	99
18) Methyl Acetate	2.75	43	146534	17.494	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	403193	17.928	ug/l	99
20) Methylene Chloride	2.83	84	129947	18.593	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	125131	17.976	ug/l	98
22) Diisopropyl ether	3.82	45	409288	18.866	ug/l	91
23) Vinyl Acetate	3.79	43	1829557	94.584	ug/l	99
24) 1,1-Dichloroethane	3.67	63	224219	17.942	ug/l #	97
25) 2-Butanone	4.64	43	483266	95.647	ug/l	100
26) 2,2-Dichloropropane	4.55	77	207645	18.562	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	137309	18.161	ug/l	99
28) Bromochloromethane	4.98	49	101316	17.890	ug/l	99
29) Tetrahydrofuran	5.09	42	309668	98.944	ug/l	100
30) Chloroform	5.18	83	237679	18.613	ug/l	97
31) Cyclohexane	5.55	56	192294	19.295	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	216803	18.005	ug/l	100
36) 1,1-Dichloropropene	5.77	75	173255	19.269	ug/l	99
37) Ethyl Acetate	4.79	43	191488	19.464	ug/l	99
38) Carbon Tetrachloride	5.75	117	202381	18.535	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	200750	19.126	ug/l	96
40) Benzene	6.11	78	492013	19.087	ug/l	100
41) Methacrylonitrile	5.01	41	105452	18.700	ug/l	100
42) 1,2-Dichloroethane	6.16	62	201196	19.078	ug/l	99
43) Isopropyl Acetate	6.41	43	309856	19.089	ug/l	100
44) Trichloroethene	7.19	130	145259	19.282	ug/l	99
45) 1,2-Dichloropropane	7.49	63	130138	18.211	ug/l	99
46) Dibromomethane	7.63	93	92503	18.317	ug/l	99
47) Bromodichloromethane	7.87	83	189678	18.666	ug/l	97
48) Methyl methacrylate	7.74	41	151525	18.832	ug/l	98
49) 1,4-Dioxane	7.71	88	64710	419.478	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	953206	98.420	ug/l	98
52) Toluene	8.76	92	316399	19.139	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	218449	19.204	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	219462	18.915	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	132939	19.303	ug/l	99
56) Ethyl methacrylate	9.16	69	205930	19.848	ug/l	99
57) 1,3-Dichloropropane	9.35	76	215595	19.012	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	518191	94.798	ug/l	99
59) 2-Hexanone	9.47	43	720974	98.875	ug/l	99
60) Dibromochloromethane	9.56	129	159813	18.258	ug/l	98
61) 1,2-Dibromoethane	9.65	107	151429	20.653	ug/l	100
64) Tetrachloroethene	9.32	164	145677	18.643	ug/l	97
65) Chlorobenzene	10.12	112	355033	18.840	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.20	131	135739	17.848	ug/l	99
67) Ethyl Benzene	10.23	91	586989	18.661	ug/l	97
68) m/p-Xylenes	10.34	106	448043	36.767	ug/l	96
69) o-Xylene	10.68	106	221049	18.861	ug/l	98
70) Styrene	10.70	104	402343	20.177	ug/l	99
71) Bromoform	10.84	173	123986	18.817	ug/l #	98
73) Isopropylbenzene	11.00	105	593751	19.093	ug/l	99
74) N-amyl acetate	10.88	43	268594	19.440	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	177006	18.236	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	181619m	19.477	ug/l	
77) Bromobenzene	11.24	156	159393	18.309	ug/l	98
78) n-propylbenzene	11.34	91	676634	19.292	ug/l	99
79) 2-Chlorotoluene	11.40	91	404443	18.615	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	516797	19.464	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	69175	18.693	ug/l	99
82) 4-Chlorotoluene	11.49	91	488079	19.044	ug/l	98
83) tert-Butylbenzene	11.76	119	492945	19.403	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	509813	19.305	ug/l	100
85) sec-Butylbenzene	11.93	105	601843	20.335	ug/l	99
86) p-Isopropyltoluene	12.05	119	551196	19.557	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	288449	19.294	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	284865	18.396	ug/l	99
89) n-Butylbenzene	12.37	91	471210	18.763	ug/l	99
90) Hexachloroethane	12.58	117	104824	18.865	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	271472	18.476	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	48467	19.323	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	195485	19.494	ug/l	99
94) Hexachlorobutadiene	13.77	225	98243	21.283	ug/l	100
95) Naphthalene	13.82	128	643590	21.499	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	189456	19.134	ug/l	99

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

