

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070820\
 Data File : VX017278.D
 Acq On : 09 Jul 2020 00:10
 Operator : JC/SP
 Sample : VX0708WBS03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708WBS03

Manual Integrations
 APPROVED

MMDadoda
 7/9/2020 11:00:03 AM

Quant Time: Jul 09 05:43:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	281336	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	432911	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	410196	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	224827	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	173295	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	
35) Dibromofluoromethane	5.47	113	140661	51.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.72%	
50) Toluene-d8	8.70	98	498910	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
62) 4-Bromofluorobenzene	11.12	95	197956	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.18	85	44601	16.387	ug/l	96
3) Chloromethane	1.31	50	46879	14.229	ug/l	98
4) Vinyl Chloride	1.39	62	49136	16.075	ug/l	98
5) Bromomethane	1.63	94	33584	20.796	ug/l	99
6) Chloroethane	1.72	64	32197	17.835	ug/l	95
7) Trichlorofluoromethane	1.92	101	88267	19.525	ug/l	96
8) Diethyl Ether	2.17	74	30696	20.398	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	49497	18.268	ug/l	96
10) Methyl Iodide	2.50	142	47303	13.530	ug/l	100
11) Tert butyl alcohol	3.01	59	60299	91.134	ug/l	97
12) 1,1-Dichloroethene	2.36	96	47952	17.228	ug/l	97
13) Acrolein	2.27	56	33202	83.945	ug/l	96
14) Allyl chloride	2.71	41	83811	16.293	ug/l	97
15) Acrylonitrile	3.12	53	148258	93.210	ug/l	99
16) Acetone	2.42	43	124879	96.249	ug/l	97
17) Carbon Disulfide	2.55	76	125786	16.210	ug/l	98
18) Methyl Acetate	2.75	43	66595	19.662	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	174541	18.684	ug/l	100
20) Methylene Chloride	2.84	84	56734	18.574	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	53324	17.263	ug/l	99
22) Diisopropyl ether	3.82	45	175580	18.442	ug/l	98
23) Vinyl Acetate	3.79	43	751481	91.855	ug/l	99
24) 1,1-Dichloroethane	3.67	63	96292	17.775	ug/l	98
25) 2-Butanone	4.64	43	200958	92.954	ug/l	99
26) 2,2-Dichloropropane	4.55	77	71931	14.955	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	61720	17.635	ug/l	99
28) Bromochloromethane	4.98	49	45490	17.256	ug/l	96
29) Tetrahydrofuran	5.09	42	128235	89.774	ug/l	97
30) Chloroform	5.18	83	102792	18.510	ug/l	100
31) Cyclohexane	5.55	56	77847	16.625	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	95378	18.649	ug/l	100
36) 1,1-Dichloropropene	5.78	75	75202	18.380	ug/l	100
37) Ethyl Acetate	4.80	43	78011	18.792	ug/l	98
38) Carbon Tetrachloride	5.75	117	85703	19.018	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	75321	16.546	ug/l	99
40) Benzene	6.12	78	216942	18.046	ug/l	96
41) Methacrylonitrile	5.00	41	45848	19.623	ug/l	96
42) 1,2-Dichloroethane	6.16	62	85168	19.614	ug/l	100
43) Isopropyl Acetate	6.41	43	126361	18.318	ug/l	99
44) Trichloroethene	7.18	130	65177	19.458	ug/l	91
45) 1,2-Dichloropropane	7.49	63	57019	18.467	ug/l	99
46) Dibromomethane	7.64	93	40642	19.280	ug/l	97
47) Bromodichloromethane	7.87	83	83937	19.322	ug/l	94
48) Methyl methacrylate	7.74	41	61431	18.744	ug/l	98
49) 1,4-Dioxane	7.72	88	25060	337.522	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	400634	97.429	ug/l	100
52) Toluene	8.76	92	141404	18.840	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	86363	18.018	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	92831	18.067	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	58094	18.944	ug/l	99
56) Ethyl methacrylate	9.16	69	82050	18.798	ug/l	99
57) 1,3-Dichloropropane	9.35	76	95404	18.386	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	206333	94.984	ug/l	99
59) 2-Hexanone	9.47	43	301994	100.558	ug/l	99
60) Dibromochloromethane	9.57	129	69835	19.607	ug/l	99
61) 1,2-Dibromoethane	9.65	107	62598	18.991	ug/l	100
64) Tetrachloroethene	9.32	164	63323	19.128	ug/l	96
65) Chlorobenzene	10.12	112	155161	18.327	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	62732	19.227	ug/l	100
67) Ethyl Benzene	10.23	91	260338	18.413	ug/l	100
68) m/p-Xylenes	10.34	106	202136	37.234	ug/l	97
69) o-Xylene	10.68	106	94762	18.349	ug/l	99
70) Styrene	10.70	104	167571	19.054	ug/l	99
71) Bromoform	10.84	173	55606	21.492	ug/l #	99
73) Isopropylbenzene	11.00	105	263101	17.866	ug/l	100
74) N-amyl acetate	10.88	43	108913	17.333	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	84441	18.229	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	82519m	18.665	ug/l	
77) Bromobenzene	11.24	156	75734	18.712	ug/l	95
78) n-propylbenzene	11.34	91	298582	17.930	ug/l	100
79) 2-Chlorotoluene	11.40	91	185579	18.413	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	224126	18.348	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	28315	16.585	ug/l	95
82) 4-Chlorotoluene	11.49	91	219547	18.222	ug/l	99
83) tert-Butylbenzene	11.76	119	215688	17.987	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	229987	18.559	ug/l	100
85) sec-Butylbenzene	11.93	105	246287	17.473	ug/l	98
86) p-Isopropyltoluene	12.05	119	239695	18.267	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	133180	18.118	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	134547	19.291	ug/l	98
89) n-Butylbenzene	12.37	91	191470	16.342	ug/l	100
90) Hexachloroethane	12.58	117	45527	17.594	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	128028	18.633	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	20472	18.526	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	82013	17.487	ug/l	98
94) Hexachlorobutadiene	13.77	225	31152	18.051	ug/l	97
95) Naphthalene	13.82	128	263398	18.474	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	83854	18.475	ug/l	98

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

