

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011720\
 Data File : VX014648.D
 Acq On : 17 Jan 2020 12:38
 Operator : JC/SP
 Sample : VX0117WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/20/2020 11:19:49 AM

Quant Time: Jan 18 05:35:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	437606	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	656848	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	592426	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	300065	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	248486	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
35) Dibromofluoromethane	5.48	113	201476	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
50) Toluene-d8	8.71	98	775469	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
62) 4-Bromofluorobenzene	11.13	95	276584	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	100369	18.633	ug/l	98
3) Chloromethane	1.32	50	106549	19.101	ug/l	98
4) Vinyl Chloride	1.40	62	119631	19.246	ug/l	98
5) Bromomethane	1.63	94	70966	17.224	ug/l	95
6) Chloroethane	1.72	64	66102	18.710	ug/l	98
7) Trichlorofluoromethane	1.92	101	134248	19.039	ug/l	99
8) Diethyl Ether	2.18	74	61378	19.080	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	82812	19.305	ug/l	98
10) Methyl Iodide	2.50	142	98918	19.257	ug/l	98
11) Tert butyl alcohol	3.02	59	103260	101.234	ug/l	99
12) 1,1-Dichloroethene	2.37	96	78123	18.076	ug/l	98
13) Acrolein	2.28	56	57279	70.060	ug/l	96
14) Allyl chloride	2.72	41	142188	18.738	ug/l	98
15) Acrylonitrile	3.12	53	247449	100.514	ug/l	99
16) Acetone	2.43	43	209454	82.715	ug/l	100
17) Carbon Disulfide	2.56	76	201057	16.672	ug/l	99
18) Methyl Acetate	2.76	43	154477	22.001	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	275394	19.849	ug/l	99
20) Methylene Chloride	2.84	84	92543	18.831	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	83841	17.769	ug/l	94
22) Diisopropyl ether	3.84	45	304619	20.773	ug/l	94
23) Vinyl Acetate	3.80	43	1149137	101.216	ug/l	100
24) 1,1-Dichloroethane	3.69	63	158992	19.931	ug/l	99
25) 2-Butanone	4.65	43	343438	94.116	ug/l	99
26) 2,2-Dichloropropane	4.57	77	125161	18.521	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	99764	18.914	ug/l	98
28) Bromochloromethane	5.00	49	64033	19.050	ug/l	99
29) Tetrahydrofuran	5.11	42	226765	105.106	ug/l	97
30) Chloroform	5.20	83	157151	20.160	ug/l	98
31) Cyclohexane	5.57	56	143793	19.258	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	126860	19.012	ug/l	99
36) 1,1-Dichloropropene	5.79	75	115628	18.719	ug/l	99
37) Ethyl Acetate	4.81	43	136189	20.298	ug/l	99
38) Carbon Tetrachloride	5.77	117	109078	19.189	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	144126	18.572	ug/l	96
40) Benzene	6.13	78	358115	19.534	ug/l	100
41) Methacrylonitrile	5.02	41	73813	20.629	ug/l	97
42) 1,2-Dichloroethane	6.18	62	128426	20.035	ug/l	99
43) Isopropyl Acetate	6.43	43	222295	20.509	ug/l	98
44) Trichloroethene	7.20	130	99786	18.940	ug/l	100
45) 1,2-Dichloropropane	7.50	63	95479	20.427	ug/l	100
46) Dibromomethane	7.65	93	60950	18.683	ug/l	98
47) Bromodichloromethane	7.89	83	116836	19.682	ug/l	96
48) Methyl methacrylate	7.76	41	105329	20.290	ug/l	98
49) 1,4-Dioxane	7.73	88	46328	421.177	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	687376	104.071	ug/l	98
52) Toluene	8.78	92	225571	19.221	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	127746	18.484	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	145005	19.423	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	93094	19.749	ug/l	98
56) Ethyl methacrylate	9.17	69	143301	19.843	ug/l	98
57) 1,3-Dichloropropane	9.36	76	160965	20.423	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	240794	97.998	ug/l	99
59) 2-Hexanone	9.48	43	518441	99.203	ug/l	100
60) Dibromochloromethane	9.57	129	94332	19.910	ug/l	99
61) 1,2-Dibromoethane	9.67	107	97352	19.496	ug/l	98
64) Tetrachloroethene	9.33	164	110016	18.529	ug/l	98
65) Chlorobenzene	10.13	112	245433	19.090	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	90059	19.629	ug/l	99
67) Ethyl Benzene	10.25	91	423081	19.307	ug/l	99
68) m/p-Xylenes	10.35	106	324097	38.336	ug/l	98
69) o-Xylene	10.69	106	156343	19.382	ug/l	99
70) Styrene	10.71	104	262710	18.872	ug/l	99
71) Bromoform	10.85	173	68846	18.340	ug/l #	98
73) Isopropylbenzene	11.01	105	415736	19.730	ug/l	99
74) N-amyl acetate	10.89	43	180469	19.413	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	139986	20.716	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	119579m	19.261	ug/l	
77) Bromobenzene	11.25	156	110124	18.846	ug/l	98
78) n-propylbenzene	11.35	91	471577	19.542	ug/l	100
79) 2-Chlorotoluene	11.42	91	283514	19.713	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	353147	20.187	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	42698	18.183	ug/l	89
82) 4-Chlorotoluene	11.51	91	322862	19.125	ug/l	98
83) tert-Butylbenzene	11.76	119	322805	19.529	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	351252	19.871	ug/l	99
85) sec-Butylbenzene	11.94	105	400794	19.505	ug/l	99
86) p-Isopropyltoluene	12.06	119	370853	19.449	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	190063	18.124	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	194805	19.414	ug/l	99
89) n-Butylbenzene	12.38	91	315607	18.103	ug/l	99
90) Hexachloroethane	12.59	117	61967	18.501	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	192131	18.700	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	29527	19.426	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	131325	18.140	ug/l	98
94) Hexachlorobutadiene	13.77	225	65660	19.479	ug/l	99
95) Naphthalene	13.83	128	384819	17.193	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	131623	18.428	ug/l	100

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

