

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091720\
 Data File : VX018467.D
 Acq On : 17 Sep 2020 15:38
 Operator : JC/SP
 Sample : VX0917WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0917WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/18/2020 12:19:48 PM

Quant Time: Sep 18 06:56:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 12:17:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	608597	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	983753	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	913949	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	479676	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	387266	44.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.96%	
35) Dibromofluoromethane	5.47	113	305675	44.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.90%	
50) Toluene-d8	8.70	98	1119811	45.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.64%	
62) 4-Bromofluorobenzene	11.12	95	425980	43.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	114221	19.796	ug/l	98
3) Chloromethane	1.31	50	135118	20.002	ug/l	99
4) Vinyl Chloride	1.39	62	134129	18.756	ug/l	95
5) Bromomethane	1.64	94	88143	20.082	ug/l	95
6) Chloroethane	1.72	64	78418	19.160	ug/l	100
7) Trichlorofluoromethane	1.92	101	202073	18.600	ug/l	99
8) Diethyl Ether	2.17	74	67755	17.775	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	112633	19.261	ug/l	97
10) Methyl Iodide	2.49	142	106040	18.130	ug/l	98
11) Tert butyl alcohol	3.01	59	142805	95.329	ug/l	97
12) 1,1-Dichloroethene	2.36	96	111826	18.973	ug/l	93
13) Acrolein	2.28	56	80281	84.637	ug/l	99
14) Allyl chloride	2.71	41	211777	18.542	ug/l	99
15) Acrylonitrile	3.12	53	346290	96.882	ug/l	99
16) Acetone	2.42	43	310367	94.261	ug/l	99
17) Carbon Disulfide	2.55	76	320932	18.233	ug/l	96
18) Methyl Acetate	2.75	43	158697	19.453	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	402550	19.456	ug/l	96
20) Methylene Chloride	2.84	84	131034	18.037	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	125024	18.252	ug/l	95
22) Diisopropyl ether	3.82	45	417553	19.449	ug/l	99
23) Vinyl Acetate	3.79	43	1870593	98.330	ug/l	100
24) 1,1-Dichloroethane	3.68	63	235172	18.994	ug/l	99
25) 2-Butanone	4.64	43	503809	98.257	ug/l	96
26) 2,2-Dichloropropane	4.55	77	210877	18.434	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	139078	18.115	ug/l	96
28) Bromochloromethane	4.98	49	105253	18.167	ug/l	99
29) Tetrahydrofuran	5.09	42	321283	99.414	ug/l	99
30) Chloroform	5.18	83	239090	19.032	ug/l	96
31) Cyclohexane	5.55	56	202409	19.427	ug/l	98
32) 1,1,1-Trichloroethane	5.47	97	218812	18.567	ug/l	98
36) 1,1-Dichloropropene	5.77	75	177101	18.548	ug/l	99
37) Ethyl Acetate	4.80	43	198281	19.446	ug/l	99
38) Carbon Tetrachloride	5.76	117	194493	18.392	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	199031	18.554	ug/l	100
40) Benzene	6.11	78	510931	18.672	ug/l	98
41) Methacrylonitrile	5.01	41	104707	18.481	ug/l	97
42) 1,2-Dichloroethane	6.17	62	196600	18.468	ug/l	99
43) Isopropyl Acetate	6.42	43	316655	18.715	ug/l	99
44) Trichloroethene	7.19	130	148135	18.700	ug/l	100
45) 1,2-Dichloropropane	7.49	63	138915	18.496	ug/l	98
46) Dibromomethane	7.64	93	94517	18.317	ug/l	98
47) Bromodichloromethane	7.88	83	193438	18.601	ug/l	96
48) Methyl methacrylate	7.75	41	153580	18.648	ug/l	98
49) 1,4-Dioxane	7.71	88	47658	350.221	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	979855	97.261	ug/l	99
52) Toluene	8.76	92	325197	18.885	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	220740	18.680	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	232152	19.070	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	134380	18.807	ug/l	98
56) Ethyl methacrylate	9.16	69	201478	19.017	ug/l	99
57) 1,3-Dichloropropane	9.35	76	224817	18.727	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	533180	94.656	ug/l	99
59) 2-Hexanone	9.48	43	753810	98.374	ug/l	99
60) Dibromochloromethane	9.57	129	164282	19.282	ug/l	96
61) 1,2-Dibromoethane	9.65	107	142202	18.705	ug/l	96
64) Tetrachloroethene	9.32	164	139482	19.385	ug/l	95
65) Chlorobenzene	10.12	112	356740	18.956	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	140321	18.587	ug/l	99
67) Ethyl Benzene	10.24	91	627977	19.278	ug/l	98
68) m/p-Xylenes	10.34	106	465496	37.777	ug/l	98
69) o-Xylene	10.68	106	227983	19.538	ug/l	96
70) Styrene	10.70	104	385117	19.115	ug/l	99
71) Bromoform	10.84	173	117058	18.467	ug/l	97
73) Isopropylbenzene	11.00	105	609644	19.025	ug/l	99
74) N-amyl acetate	10.88	43	271933	18.850	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	200889	18.940	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	192296m	19.077	ug/l	
77) Bromobenzene	11.24	156	162233	18.349	ug/l	99
78) n-propylbenzene	11.34	91	697626	18.599	ug/l	99
79) 2-Chlorotoluene	11.40	91	424530	18.698	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	521086	19.014	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	74368	18.905	ug/l	99
82) 4-Chlorotoluene	11.49	91	502391	18.615	ug/l	100
83) tert-Butylbenzene	11.76	119	497759	18.707	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	535690	19.410	ug/l	100
85) sec-Butylbenzene	11.93	105	592351	18.868	ug/l	99
86) p-Isopropyltoluene	12.05	119	550550	19.081	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	286197	18.003	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	298272	18.505	ug/l	99
89) n-Butylbenzene	12.37	91	479358	17.946	ug/l	99
90) Hexachloroethane	12.58	117	104414	18.127	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	273580	18.387	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	48485	18.830	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	184662	17.832	ug/l	94
94) Hexachlorobutadiene	13.76	225	76817	17.677	ug/l	99
95) Naphthalene	13.82	128	613848	19.628	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	179838	18.172	ug/l	98

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

