

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091620\
 Data File : VX018436.D
 Acq On : 16 Sep 2020 13:43
 Operator : JC/SP
 Sample : VX0916WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/17/2020 11:27:03 AM

Quant Time: Sep 17 04:30:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	439746	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	670581	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	638149	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	347310	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	297513	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	
35) Dibromofluoromethane	5.46	113	229218	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
50) Toluene-d8	8.70	98	793213	46.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.26%	
62) 4-Bromofluorobenzene	11.12	95	317142	47.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	94508	17.652	ug/l	98
3) Chloromethane	1.31	50	92864	16.452	ug/l	97
4) Vinyl Chloride	1.39	62	97259	17.309	ug/l	99
5) Bromomethane	1.64	94	63290	23.352	ug/l	99
6) Chloroethane	1.72	64	58820	19.490	ug/l	99
7) Trichlorofluoromethane	1.92	101	172496	22.514	ug/l	98
8) Diethyl Ether	2.17	74	54161	20.844	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	91576	22.108	ug/l	98
10) Methyl Iodide	2.49	142	76660	20.756	ug/l	94
11) Tert butyl alcohol	3.00	59	93151	78.476	ug/l	98
12) 1,1-Dichloroethene	2.36	96	84235	19.601	ug/l	97
13) Acrolein	2.27	56	44054	89.508	ug/l	96
14) Allyl chloride	2.71	41	148214	19.197	ug/l	95
15) Acrylonitrile	3.11	53	244093	90.655	ug/l	96
16) Acetone	2.42	43	269992	113.499	ug/l	97
17) Carbon Disulfide	2.55	76	207849	15.999	ug/l	100
18) Methyl Acetate	2.75	43	132978	23.166	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	309058	20.970	ug/l	99
20) Methylene Chloride	2.84	84	95674	18.945	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	89390	18.775	ug/l	95
22) Diisopropyl ether	3.82	45	304655	19.992	ug/l	# 81
23) Vinyl Acetate	3.78	43	1303465	96.130	ug/l	98
24) 1,1-Dichloroethane	3.67	63	169601	19.552	ug/l	97
25) 2-Butanone	4.63	43	360094	92.108	ug/l	99
26) 2,2-Dichloropropane	4.56	77	170421	24.146	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	102726	18.726	ug/l	97
28) Bromochloromethane	4.98	49	65957	15.752	ug/l	97
29) Tetrahydrofuran	5.09	42	213194	85.665	ug/l	97
30) Chloroform	5.18	83	184980	20.594	ug/l	93
31) Cyclohexane	5.55	56	135508	18.545	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	172734	20.956	ug/l	100
36) 1,1-Dichloropropene	5.76	75	129538	20.944	ug/l	98
37) Ethyl Acetate	4.79	43	130256	18.132	ug/l	99
38) Carbon Tetrachloride	5.75	117	158824	22.786	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	138606	20.494	ug/l	100
40) Benzene	6.11	78	367219	20.206	ug/l	99
41) Methacrylonitrile	5.00	41	77474	19.642	ug/l	98
42) 1,2-Dichloroethane	6.16	62	155666	22.356	ug/l	98
43) Isopropyl Acetate	6.41	43	225677	19.450	ug/l	99
44) Trichloroethene	7.19	130	109439	21.311	ug/l	95
45) 1,2-Dichloropropane	7.49	63	99223	20.257	ug/l	95
46) Dibromomethane	7.63	93	70807	20.556	ug/l	98
47) Bromodichloromethane	7.87	83	152366	22.154	ug/l	100
48) Methyl methacrylate	7.74	41	110496	19.130	ug/l	98
49) 1,4-Dioxane	7.71	88	28771	274.986	ug/l #	83
51) 4-Methyl-2-Pentanone	8.62	43	709454	98.986	ug/l	100
52) Toluene	8.76	92	235886	20.469	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	163026	21.387	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	170696	21.139	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	105181	21.400	ug/l	91
56) Ethyl methacrylate	9.16	69	145116	19.861	ug/l	98
57) 1,3-Dichloropropane	9.35	76	164510	20.293	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	334563	101.788	ug/l	98
59) 2-Hexanone	9.47	43	537456	98.619	ug/l	99
60) Dibromochloromethane	9.56	129	125288	21.730	ug/l	100
61) 1,2-Dibromoethane	9.65	107	111192	20.838	ug/l	100
64) Tetrachloroethene	9.32	164	100622	21.457	ug/l	96
65) Chlorobenzene	10.12	112	273123	21.429	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	111571	22.211	ug/l	98
67) Ethyl Benzene	10.23	91	466317	21.515	ug/l	97
68) m/p-Xylenes	10.34	106	350175	43.285	ug/l	96
69) o-Xylene	10.68	106	164741	21.007	ug/l	95
70) Styrene	10.70	104	282255	21.134	ug/l	97
71) Bromoform	10.84	173	92308	21.544	ug/l	99
73) Isopropylbenzene	11.00	105	466553	20.366	ug/l	100
74) N-amyl acetate	10.88	43	197930	18.210	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	151225	18.713	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	145086m	18.779	ug/l	
77) Bromobenzene	11.24	156	123724	19.538	ug/l	96
78) n-propylbenzene	11.34	91	534715	20.556	ug/l	99
79) 2-Chlorotoluene	11.40	91	317940	19.784	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	397452	21.112	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	54300	18.982	ug/l	97
82) 4-Chlorotoluene	11.49	91	392834	20.562	ug/l	100
83) tert-Butylbenzene	11.76	119	393176	21.163	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	406559	21.123	ug/l	100
85) sec-Butylbenzene	11.93	105	449940	21.297	ug/l	100
86) p-Isopropyltoluene	12.05	119	435674	22.450	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	224696	20.210	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	232655	20.899	ug/l	97
89) n-Butylbenzene	12.37	91	384060	21.683	ug/l	99
90) Hexachloroethane	12.58	117	81951	21.463	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	211065	20.167	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	36518	18.072	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	152852	21.902	ug/l	98
94) Hexachlorobutadiene	13.77	225	70841	25.735	ug/l	98
95) Naphthalene	13.82	128	435898	18.979	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	151359	21.950	ug/l	95

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

