

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012020\
 Data File : VX014667.D
 Acq On : 20 Jan 2020 11:38
 Operator : JC/SP
 Sample : VX0120WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0120WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/21/2020 2:14:56 PM

Quant Time: Jan 21 00:45:10 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	415335	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	623470	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	570643	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	281005	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	239285	51.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.22%	
35) Dibromofluoromethane	5.48	113	194248	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	
50) Toluene-d8	8.71	98	732094	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
62) 4-Bromofluorobenzene	11.13	95	262398	48.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	100289	19.603	ug/l	99
3) Chloromethane	1.32	50	106041	20.029	ug/l	100
4) Vinyl Chloride	1.40	62	117224	19.870	ug/l	99
5) Bromomethane	1.63	94	70766	18.096	ug/l	94
6) Chloroethane	1.72	64	65825	19.695	ug/l	98
7) Trichlorofluoromethane	1.92	101	129632	19.371	ug/l	99
8) Diethyl Ether	2.18	74	60669	19.871	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	80812	19.849	ug/l	98
10) Methyl Iodide	2.50	142	95585	19.606	ug/l	99
11) Tert butyl alcohol	3.02	59	104219	107.653	ug/l	99
12) 1,1-Dichloroethene	2.37	96	75497	18.405	ug/l	99
13) Acrolein	2.28	56	55495	71.518	ug/l	96
14) Allyl chloride	2.72	41	141265	19.615	ug/l	99
15) Acrylonitrile	3.12	53	251085	107.460	ug/l	99
16) Acetone	2.43	43	235816	98.911	ug/l	100
17) Carbon Disulfide	2.56	76	198296	17.325	ug/l	99
18) Methyl Acetate	2.76	43	153323	23.008	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	275219	20.900	ug/l	99
20) Methylene Chloride	2.85	84	95532	20.481	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	82628	18.451	ug/l	96
22) Diisopropyl ether	3.84	45	299843	21.544	ug/l	96
23) Vinyl Acetate	3.80	43	1165802	108.190	ug/l	100
24) 1,1-Dichloroethane	3.69	63	154608	20.420	ug/l	99
25) 2-Butanone	4.65	43	360968	104.224	ug/l	100
26) 2,2-Dichloropropane	4.58	77	121365	18.923	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	96963	19.368	ug/l	99
28) Bromochloromethane	5.00	49	67835	21.263	ug/l	94
29) Tetrahydrofuran	5.11	42	224843	109.803	ug/l	97
30) Chloroform	5.20	83	152764	20.648	ug/l	97
31) Cyclohexane	5.58	56	139215	19.644	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	123342	19.476	ug/l	98
36) 1,1-Dichloropropene	5.79	75	112741	19.229	ug/l	98
37) Ethyl Acetate	4.82	43	135981	21.352	ug/l	99
38) Carbon Tetrachloride	5.78	117	108755	20.157	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	141144	19.161	ug/l	96
40) Benzene	6.13	78	351811	20.217	ug/l	100
41) Methacrylonitrile	5.02	41	73508	21.644	ug/l	99
42) 1,2-Dichloroethane	6.18	62	126679	20.820	ug/l	98
43) Isopropyl Acetate	6.43	43	217434	21.135	ug/l	100
44) Trichloroethene	7.20	130	95844	19.165	ug/l	99
45) 1,2-Dichloropropane	7.50	63	96471	21.744	ug/l	97
46) Dibromomethane	7.65	93	60667	19.592	ug/l	98
47) Bromodichloromethane	7.89	83	117525	20.858	ug/l	98
48) Methyl methacrylate	7.76	41	105845	21.481	ug/l	98
49) 1,4-Dioxane	7.73	88	44865	429.712	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	698641	111.440	ug/l	99
52) Toluene	8.78	92	220219	19.769	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	131132	19.990	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	144707	20.421	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	93069	20.801	ug/l	99
56) Ethyl methacrylate	9.17	69	139460	20.345	ug/l	95
57) 1,3-Dichloropropane	9.36	76	157558	21.061	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	249096	106.804	ug/l	98
59) 2-Hexanone	9.48	43	527948	106.431	ug/l	98
60) Dibromochloromethane	9.57	129	92835	20.643	ug/l	99
61) 1,2-Dibromoethane	9.67	107	95330	20.113	ug/l	100
64) Tetrachloroethene	9.33	164	100183	17.517	ug/l	98
65) Chlorobenzene	10.13	112	236980	19.136	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.21	131	87161	19.722	ug/l	99
67) Ethyl Benzene	10.25	91	415870	19.702	ug/l	97
68) m/p-Xylenes	10.36	106	312690	38.399	ug/l	98
69) o-Xylene	10.70	106	150757	19.403	ug/l	98
70) Styrene	10.71	104	257658	19.216	ug/l	99
71) Bromoform	10.85	173	71578	19.795	ug/l #	99
73) Isopropylbenzene	11.01	105	404348	20.491	ug/l	100
74) N-amyl acetate	10.89	43	184275	21.167	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	139089	21.979	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	119123m	20.489	ug/l	
77) Bromobenzene	11.25	156	106302	19.426	ug/l	98
78) n-propylbenzene	11.35	91	456616	20.205	ug/l	99
79) 2-Chlorotoluene	11.42	91	274367	20.371	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	341103	20.821	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	43676	19.861	ug/l	93
82) 4-Chlorotoluene	11.51	91	319466	20.207	ug/l	97
83) tert-Butylbenzene	11.76	119	317650	20.521	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	340712	20.582	ug/l	99
85) sec-Butylbenzene	11.94	105	396342	20.596	ug/l	99
86) p-Isopropyltoluene	12.06	119	356843	19.984	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	184929	18.830	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	187072	19.923	ug/l	98
89) n-Butylbenzene	12.39	91	305523	18.713	ug/l	99
90) Hexachloroethane	12.59	117	62432	19.904	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	189006	19.643	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	29484	20.713	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	127643	18.831	ug/l	100
94) Hexachlorobutadiene	13.78	225	62320	19.741	ug/l	97
95) Naphthalene	13.83	128	380126	18.135	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	128544	19.229	ug/l	99

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

