

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021920\
 Data File : VX014960.D
 Acq On : 19 Feb 2020 12:00
 Operator : JC/SP
 Sample : VX0219WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0219WBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/20/2020 1:41:31 PM

Quant Time: Feb 20 00:39:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	435941	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	645689	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	602068	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	319498	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	246319	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
35) Dibromofluoromethane	5.48	113	199278	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	
50) Toluene-d8	8.71	98	765221	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
62) 4-Bromofluorobenzene	11.13	95	276088	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	77560	18.787	ug/l	99
3) Chloromethane	1.32	50	87712	18.740	ug/l	100
4) Vinyl Chloride	1.40	62	90119	17.873	ug/l	97
5) Bromomethane	1.64	94	61471	18.835	ug/l	99
6) Chloroethane	1.72	64	59581	18.468	ug/l	99
7) Trichlorofluoromethane	1.93	101	129449	18.375	ug/l	99
8) Diethyl Ether	2.18	74	55873	19.126	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	78580	19.217	ug/l	98
10) Methyl Iodide	2.50	142	83983	21.182	ug/l	98
11) Tert butyl alcohol	3.02	59	87160	100.336	ug/l	100
12) 1,1-Dichloroethene	2.37	96	73995	18.518	ug/l	99
13) Acrolein	2.28	56	43320	65.430	ug/l	97
14) Allyl chloride	2.72	41	126183	17.811	ug/l	99
15) Acrylonitrile	3.12	53	216533	98.327	ug/l	99
16) Acetone	2.43	43	223648	77.064	ug/l	100
17) Carbon Disulfide	2.56	76	189012	16.930	ug/l	100
18) Methyl Acetate	2.76	43	103308	20.849	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	253358	19.482	ug/l	98
20) Methylene Chloride	2.85	84	83741	17.694	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	79859	18.112	ug/l	98
22) Diisopropyl ether	3.84	45	266661	19.708	ug/l	92
23) Vinyl Acetate	3.80	43	1126898	101.030	ug/l	100
24) 1,1-Dichloroethane	3.69	63	144516	18.924	ug/l	98
25) 2-Butanone	4.65	43	308610	92.137	ug/l	99
26) 2,2-Dichloropropane	4.57	77	116725	17.736	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	93221	18.914	ug/l	97
28) Bromochloromethane	5.00	49	65645	22.178	ug/l	95
29) Tetrahydrofuran	5.11	42	192560	101.131	ug/l	99
30) Chloroform	5.19	83	146723	19.365	ug/l	96
31) Cyclohexane	5.57	56	126089	18.128	ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	122769	18.524	ug/l	98
36) 1,1-Dichloropropene	5.79	75	106748	18.482	ug/l	99
37) Ethyl Acetate	4.81	43	115232	19.128	ug/l	98
38) Carbon Tetrachloride	5.78	117	105237	18.696	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	129667	17.951	ug/l	96
40) Benzene	6.13	78	324969	18.831	ug/l	98
41) Methacrylonitrile	5.02	41	64481	19.869	ug/l	98
42) 1,2-Dichloroethane	6.18	62	121617	19.498	ug/l	100
43) Isopropyl Acetate	6.43	43	194453	19.567	ug/l	99
44) Trichloroethene	7.20	130	92877	18.539	ug/l	98
45) 1,2-Dichloropropane	7.50	63	84106	19.110	ug/l	98
46) Dibromomethane	7.65	93	57144	18.995	ug/l	97
47) Bromodichloromethane	7.89	83	114188	19.143	ug/l	96
48) Methyl methacrylate	7.76	41	96348	19.701	ug/l	100
49) 1,4-Dioxane	7.73	88	38202	417.784	ug/l	96
51) 4-Methyl-2-Pentanone	8.63	43	604730	100.779	ug/l	99
52) Toluene	8.78	92	209695	19.131	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	123831	18.942	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	135918	18.820	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	87711	19.779	ug/l	98
56) Ethyl methacrylate	9.17	69	130816	19.626	ug/l	98
57) 1,3-Dichloropropane	9.36	76	146340	19.604	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	353524	101.414	ug/l	99
59) 2-Hexanone	9.48	43	460725	97.683	ug/l	99
60) Dibromochloromethane	9.57	129	91960	19.270	ug/l	99
61) 1,2-Dibromoethane	9.67	107	90813	18.980	ug/l	99
64) Tetrachloroethene	9.33	164	97710	17.358	ug/l	98
65) Chlorobenzene	10.13	112	229497	18.793	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	86251	19.455	ug/l	98
67) Ethyl Benzene	10.25	91	394160	18.979	ug/l	99
68) m/p-Xylenes	10.35	106	304116	38.012	ug/l	99
69) o-Xylene	10.69	106	144721	18.818	ug/l	99
70) Styrene	10.71	104	250059	19.220	ug/l	99
71) Bromoform	10.85	173	69119	18.678	ug/l	100
73) Isopropylbenzene	11.01	105	396794	19.804	ug/l	100
74) N-amyl acetate	10.89	43	162177	19.481	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	129034	19.701	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	109471m	18.948	ug/l	
77) Bromobenzene	11.25	156	105301	18.830	ug/l	99
78) n-propylbenzene	11.35	91	443319	19.130	ug/l	99
79) 2-Chlorotoluene	11.42	91	262605	19.276	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	326783	19.520	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	40934	18.135	ug/l	94
82) 4-Chlorotoluene	11.51	91	307455	19.057	ug/l	100
83) tert-Butylbenzene	11.76	119	313133	19.752	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	328863	19.492	ug/l	99
85) sec-Butylbenzene	11.94	105	382844	19.439	ug/l	99
86) p-Isopropyltoluene	12.06	119	357655	19.407	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	188936	18.833	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	191063	18.649	ug/l	99
89) n-Butylbenzene	12.39	91	303930	18.414	ug/l	100
90) Hexachloroethane	12.59	117	61221	19.022	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	188335	19.143	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	27150	17.669	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	135138	18.609	ug/l	99
94) Hexachlorobutadiene	13.78	225	67566	19.236	ug/l	99
95) Naphthalene	13.83	128	380288	19.696	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	135310	19.286	ug/l	99

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

