

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX010820\
 Data File : VX014463.D
 Acq On : 08 Jan 2020 12:05
 Operator : JC/SP
 Sample : VX0108WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0108WBSD01

Manual Integrations
 APPROVED

apatel
 1/9/2020 2:33:42 PM

Quant Time: Jan 08 13:41:51 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	500379	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	749429	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	675615	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	346144	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	279286	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
35) Dibromofluoromethane	5.48	113	225266	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
50) Toluene-d8	8.71	98	882603	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
62) 4-Bromofluorobenzene	11.13	95	315817	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.19	85	111970	18.185	ug/l 100
3) Chloromethane	1.32	50	118884	18.639	ug/l 99
4) Vinyl Chloride	1.40	62	133856	18.833	ug/l 97
5) Bromomethane	1.64	94	80645	17.117	ug/l 100
6) Chloroethane	1.72	64	73755	18.225	ug/l 99
7) Trichlorofluoromethane	1.92	101	143686	17.822	ug/l 98
8) Diethyl Ether	2.18	74	66205	17.999	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	85266	17.383	ug/l 99
10) Methyl Iodide	2.50	142	95509	16.261	ug/l 99
11) Tert butyl alcohol	3.02	59	113868	97.629	ug/l 98
12) 1,1-Dichloroethene	2.37	96	86407	17.484	ug/l 96
13) Acrolein	2.28	56	92825	99.294	ug/l 98
14) Allyl chloride	2.72	41	154978	17.862	ug/l 99
15) Acrylonitrile	3.13	53	261155	92.773	ug/l 99
16) Acetone	2.43	43	271763	94.431	ug/l 99
17) Carbon Disulfide	2.56	76	233433	16.928	ug/l 99
18) Methyl Acetate	2.76	43	157182	19.578	ug/l 99
19) Methyl tert-butyl Ether	3.18	73	294562	18.567	ug/l 97
20) Methylene Chloride	2.85	84	99232	17.659	ug/l 99
21) trans-1,2-Dichloroethene	3.15	96	93819	17.389	ug/l 96
22) Diisopropyl ether	3.84	45	313914	18.721	ug/l 98
23) Vinyl Acetate	3.80	43	1205030	92.824	ug/l 99
24) 1,1-Dichloroethane	3.69	63	167001	18.308	ug/l 99
25) 2-Butanone	4.65	43	383518	91.914	ug/l 100
26) 2,2-Dichloropropane	4.57	77	134655	17.427	ug/l 99
27) cis-1,2-Dichloroethene	4.58	96	105656	17.518	ug/l 98
28) Bromochloromethane	5.00	49	74514	19.387	ug/l 97
29) Tetrahydrofuran	5.11	42	233351	94.590	ug/l 99
30) Chloroform	5.20	83	161615	18.132	ug/l 98
31) Cyclohexane	5.57	56	156037	18.276	ug/l 97
32) 1,1,1-Trichloroethane	5.48	97	137347	18.002	ug/l 98
36) 1,1-Dichloropropene	5.79	75	123733	17.557	ug/l 99
37) Ethyl Acetate	4.81	43	143550	18.752	ug/l 99
38) Carbon Tetrachloride	5.77	117	117112	18.057	ug/l 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	159973	18.067	ug/l	98
40) Benzene	6.13	78	379519	18.144	ug/l	99
41) Methacrylonitrile	5.03	41	78031	19.114	ug/l	99
42) 1,2-Dichloroethane	6.18	62	135525	18.531	ug/l	98
43) Isopropyl Acetate	6.43	43	230095	18.606	ug/l	99
44) Trichloroethene	7.20	130	106650	17.742	ug/l	96
45) 1,2-Dichloropropane	7.51	63	100276	18.803	ug/l	96
46) Dibromomethane	7.65	93	65206	17.518	ug/l	98
47) Bromodichloromethane	7.89	83	124987	18.454	ug/l	97
48) Methyl methacrylate	7.76	41	112463	18.988	ug/l	99
49) 1,4-Dioxane	7.73	88	49485	394.302	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	722325	95.852	ug/l	99
52) Toluene	8.78	92	244269	18.242	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	141269	17.916	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	156672	18.394	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	98325	18.282	ug/l	97
56) Ethyl methacrylate	9.17	69	154370	18.735	ug/l	98
57) 1,3-Dichloropropane	9.37	76	168635	18.753	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	281941	100.569	ug/l	100
59) 2-Hexanone	9.48	43	564558	94.682	ug/l	100
60) Dibromochloromethane	9.57	129	100803	18.647	ug/l	99
61) 1,2-Dibromoethane	9.67	107	105782	18.567	ug/l	99
64) Tetrachloroethene	9.33	164	124104	18.328	ug/l	98
65) Chlorobenzene	10.13	112	261083	17.807	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.21	131	93533	17.876	ug/l	98
67) Ethyl Benzene	10.25	91	454136	18.172	ug/l	97
68) m/p-Xylenes	10.35	106	346302	35.919	ug/l	97
69) o-Xylene	10.70	106	169934	18.473	ug/l	99
70) Styrene	10.71	104	287713	18.124	ug/l	100
71) Bromoform	10.85	173	75438	17.621	ug/l #	98
73) Isopropylbenzene	11.01	105	448263	18.442	ug/l	99
74) N-amyl acetate	10.89	43	200300	18.678	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	143358	18.391	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	123190m	17.201	ug/l	
77) Bromobenzene	11.25	156	122206	18.129	ug/l	95
78) n-propylbenzene	11.35	91	503291	18.080	ug/l	99
79) 2-Chlorotoluene	11.42	91	298702	18.004	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	375345	18.599	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	48038	17.733	ug/l	96
82) 4-Chlorotoluene	11.51	91	349263	17.934	ug/l	99
83) tert-Butylbenzene	11.76	119	344061	18.044	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	378764	18.575	ug/l	99
85) sec-Butylbenzene	11.94	105	436367	18.409	ug/l	99
86) p-Isopropyltoluene	12.06	119	391062	17.779	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	209339	17.304	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	211265	18.216	ug/l	99
89) n-Butylbenzene	12.39	91	336933	16.753	ug/l	99
90) Hexachloroethane	12.59	117	67753	17.536	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	211725	17.863	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	31777	18.123	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	144299	17.273	ug/l	99
94) Hexachlorobutadiene	13.78	225	68215	17.549	ug/l	98
95) Naphthalene	13.83	128	435458	16.866	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	147293	17.869	ug/l	97

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

