

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012420\
 Data File : VX014700.D
 Acq On : 24 Jan 2020 16:33
 Operator : JC/SP
 Sample : VX0124WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0124WBSD02

Manual Integrations
 APPROVED

MMDadoda
 1/27/2020 10:35:44 AM

Quant Time: Jan 24 23:24:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	424566	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	643904	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	580314	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	291764	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	248762	50.17	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.34%		
35) Dibromofluoromethane	5.48	113	201194	49.52	ug/l	0.00
Spiked Amount 50.000			Recovery =	99.04%		
50) Toluene-d8	8.71	98	787811	50.44	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.88%		
62) 4-Bromofluorobenzene	11.13	95	276117	49.62	ug/l	0.00
Spiked Amount 50.000			Recovery =	99.24%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	105912	18.919	ug/l	98
3) Chloromethane	1.32	50	110292	19.203	ug/l	99
4) Vinyl Chloride	1.40	62	123750	19.927	ug/l	98
5) Bromomethane	1.64	94	69196	16.404	ug/l	100
6) Chloroethane	1.72	64	70338	18.937	ug/l	99
7) Trichlorofluoromethane	1.92	101	136121	18.824	ug/l	97
8) Diethyl Ether	2.18	74	61071	19.349	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	80773	19.028	ug/l	98
10) Methyl Iodide	2.50	142	105150	18.878	ug/l	99
11) Tert butyl alcohol	3.02	59	94292	84.711	ug/l	97
12) 1,1-Dichloroethene	2.37	96	77247	18.302	ug/l	93
13) Acrolein	2.28	56	109474	124.734	ug/l	100
14) Allyl chloride	2.72	41	141797	18.691	ug/l	98
15) Acrylonitrile	3.13	53	244715	95.018	ug/l	99
16) Acetone	2.43	43	214897	79.188	ug/l	100
17) Carbon Disulfide	2.56	76	205286	17.796	ug/l	100
18) Methyl Acetate	2.76	43	151131	19.485	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	275734	19.946	ug/l	100
20) Methylene Chloride	2.85	84	93875	18.670	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	83908	18.056	ug/l	96
22) Diisopropyl ether	3.84	45	302012	20.010	ug/l	92
23) Vinyl Acetate	3.80	43	1141434	99.209	ug/l	99
24) 1,1-Dichloroethane	3.69	63	156827	19.133	ug/l	98
25) 2-Butanone	4.65	43	338512	86.950	ug/l	99
26) 2,2-Dichloropropane	4.58	77	121768	18.560	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	97374	18.722	ug/l	99
28) Bromochloromethane	5.00	49	70925	19.691	ug/l	95
29) Tetrahydrofuran	5.11	42	221268	95.759	ug/l	99
30) Chloroform	5.20	83	153105	18.856	ug/l	99
31) Cyclohexane	5.56	56	143884	18.663	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	129093	18.809	ug/l	98
36) 1,1-Dichloropropene	5.79	75	113902	19.037	ug/l	98
37) Ethyl Acetate	4.81	43	129939	18.962	ug/l	99
38) Carbon Tetrachloride	5.78	117	109104	19.094	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	144192	19.237	ug/l	97
40) Benzene	6.13	78	359189	19.430	ug/l	100
41) Methacrylonitrile	5.03	41	71098	18.023	ug/l	95
42) 1,2-Dichloroethane	6.18	62	126543	19.822	ug/l	99
43) Isopropyl Acetate	6.43	43	215164	19.174	ug/l	99
44) Trichloroethene	7.21	130	98832	18.927	ug/l	99
45) 1,2-Dichloropropane	7.51	63	94198	19.779	ug/l	96
46) Dibromomethane	7.65	93	62452	20.247	ug/l	96
47) Bromodichloromethane	7.89	83	117740	19.462	ug/l	94
48) Methyl methacrylate	7.76	41	104897	19.564	ug/l	97
49) 1,4-Dioxane	7.73	88	42037	369.868	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	672980	95.020	ug/l	100
52) Toluene	8.78	92	224579	19.763	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	125798	19.311	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	144860	20.214	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	93610	20.120	ug/l	99
56) Ethyl methacrylate	9.17	69	141247	19.053	ug/l	100
57) 1,3-Dichloropropane	9.37	76	157419	19.792	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	221034	94.465	ug/l	100
59) 2-Hexanone	9.48	43	503040	91.529	ug/l	100
60) Dibromochloromethane	9.57	129	91795	18.902	ug/l	97
61) 1,2-Dibromoethane	9.67	107	96421	19.601	ug/l	99
64) Tetrachloroethene	9.33	164	111314	19.378	ug/l	98
65) Chlorobenzene	10.13	112	242153	19.509	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	87606	19.142	ug/l	99
67) Ethyl Benzene	10.25	91	419819	19.808	ug/l	98
68) m/p-Xylenes	10.36	106	322563	40.173	ug/l	100
69) o-Xylene	10.70	106	154235	19.897	ug/l	98
70) Styrene	10.71	104	263251	20.245	ug/l	100
71) Bromoform	10.85	173	68968	18.950	ug/l #	99
73) Isopropylbenzene	11.01	105	412714	20.118	ug/l	100
74) N-amyl acetate	10.89	43	177094	19.699	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	135535	18.504	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	115159m	16.965	ug/l	
77) Bromobenzene	11.25	156	109695	19.904	ug/l	97
78) n-propylbenzene	11.35	91	466705	20.042	ug/l	100
79) 2-Chlorotoluene	11.42	91	279754	19.855	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	342796	20.133	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	42352	17.755	ug/l	97
82) 4-Chlorotoluene	11.51	91	323019	20.138	ug/l	100
83) tert-Butylbenzene	11.76	119	316740	19.797	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	345041	20.203	ug/l	98
85) sec-Butylbenzene	11.94	105	392841	20.043	ug/l	99
86) p-Isopropyltoluene	12.06	119	360520	19.903	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	190254	19.208	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	192453	19.398	ug/l	99
89) n-Butylbenzene	12.39	91	308595	19.561	ug/l	99
90) Hexachloroethane	12.59	117	61904	18.399	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	189691	19.283	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	28348	18.013	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	128446	20.252	ug/l	97
94) Hexachlorobutadiene	13.78	225	61369	18.800	ug/l	98
95) Naphthalene	13.83	128	387368	19.519	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	130229	20.307	ug/l	97

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

