

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012420\
 Data File : VX014699.D
 Acq On : 24 Jan 2020 16:02
 Operator : JC/SP
 Sample : VX0124WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0124WBS02

Manual Integrations
 APPROVED

MMDadoda
 1/27/2020 10:35:40 AM

Quant Time: Jan 24 23:22:42 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	445657	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	665495	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	603488	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	301760	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	252240	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	
35) Dibromofluoromethane	5.48	113	209974	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
50) Toluene-d8	8.71	98	812209	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	
62) 4-Bromofluorobenzene	11.13	95	291036	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.19	85	114760	19.512	ug/l 98
3) Chloromethane	1.32	50	113696	18.858	ug/l 99
4) Vinyl Chloride	1.40	62	130047	19.950	ug/l 99
5) Bromomethane	1.64	94	75426	17.035	ug/l 94
6) Chloroethane	1.72	64	72663	18.614	ug/l 96
7) Trichlorofluoromethane	1.92	101	143122	18.856	ug/l 98
8) Diethyl Ether	2.18	74	60939	18.394	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	86267	19.360	ug/l 99
10) Methyl Iodide	2.50	142	108444	18.548	ug/l 99
11) Tert butyl alcohol	3.02	59	88876	76.066	ug/l 99
12) 1,1-Dichloroethene	2.37	96	81977	18.504	ug/l 97
13) Acrolein	2.28	56	110190	119.608	ug/l 100
14) Allyl chloride	2.72	41	147230	18.489	ug/l 98
15) Acrylonitrile	3.13	53	245986	90.991	ug/l 100
16) Acetone	2.43	43	208322	73.144	ug/l 98
17) Carbon Disulfide	2.56	76	215475	17.796	ug/l 99
18) Methyl Acetate	2.76	43	148644	18.257	ug/l 100
19) Methyl tert-butyl Ether	3.18	73	277445	19.120	ug/l 98
20) Methylene Chloride	2.84	84	96393	18.264	ug/l 99
21) trans-1,2-Dichloroethene	3.15	96	88048	18.050	ug/l 96
22) Diisopropyl ether	3.84	45	306397	19.340	ug/l 91
23) Vinyl Acetate	3.80	43	1155867	95.709	ug/l 99
24) 1,1-Dichloroethane	3.69	63	163529	19.006	ug/l 99
25) 2-Butanone	4.65	43	336946	82.452	ug/l 100
26) 2,2-Dichloropropane	4.58	77	128960	18.726	ug/l 98
27) cis-1,2-Dichloroethene	4.58	96	101245	18.545	ug/l 99
28) Bromochloromethane	5.00	49	67948	17.972	ug/l 96
29) Tetrahydrofuran	5.11	42	220069	90.733	ug/l 99
30) Chloroform	5.20	83	157655	18.497	ug/l 98
31) Cyclohexane	5.57	56	155894	19.264	ug/l 97
32) 1,1,1-Trichloroethane	5.48	97	132292	18.363	ug/l 100
36) 1,1-Dichloropropene	5.79	75	118888	19.226	ug/l 96
37) Ethyl Acetate	4.81	43	131899	18.623	ug/l 100
38) Carbon Tetrachloride	5.77	117	113256	19.177	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	153210	19.777	ug/l	94
40) Benzene	6.13	78	369361	19.332	ug/l	98
41) Methacrylonitrile	5.02	41	74798	18.350	ug/l	98
42) 1,2-Dichloroethane	6.18	62	130858	19.833	ug/l	99
43) Isopropyl Acetate	6.43	43	216598	18.676	ug/l	99
44) Trichloroethene	7.21	130	102227	18.942	ug/l	98
45) 1,2-Dichloropropane	7.50	63	96576	19.620	ug/l	100
46) Dibromomethane	7.65	93	63507	19.921	ug/l	98
47) Bromodichloromethane	7.89	83	117146	18.736	ug/l	98
48) Methyl methacrylate	7.76	41	104016	18.771	ug/l	96
49) 1,4-Dioxane	7.73	88	37975	323.288	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	677885	92.607	ug/l	99
52) Toluene	8.78	92	231125	19.679	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	130286	19.352	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	147379	19.899	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	93875	19.522	ug/l	98
56) Ethyl methacrylate	9.17	69	142791	18.675	ug/l	100
57) 1,3-Dichloropropane	9.37	76	161555	19.653	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	222991	92.210	ug/l	99
59) 2-Hexanone	9.48	43	500713	88.150	ug/l	100
60) Dibromochloromethane	9.57	129	95220	18.971	ug/l	98
61) 1,2-Dibromoethane	9.67	107	99241	19.520	ug/l	98
64) Tetrachloroethene	9.33	164	115372	19.313	ug/l	100
65) Chlorobenzene	10.14	112	247608	19.182	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	90865	19.092	ug/l	100
67) Ethyl Benzene	10.25	91	438982	19.917	ug/l	97
68) m/p-Xylenes	10.35	106	335892	40.226	ug/l	100
69) o-Xylene	10.70	106	162198	20.121	ug/l	98
70) Styrene	10.71	104	272876	20.180	ug/l	100
71) Bromoform	10.85	173	70139	18.532	ug/l #	99
73) Isopropylbenzene	11.01	105	424425	20.003	ug/l	99
74) N-amyl acetate	10.89	43	181243	19.493	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	137810	18.191	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	115146m	16.401	ug/l	
77) Bromobenzene	11.25	156	112622	19.758	ug/l	98
78) n-propylbenzene	11.35	91	488388	20.278	ug/l	100
79) 2-Chlorotoluene	11.42	91	287830	19.752	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	358167	20.339	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	42503	17.229	ug/l	95
82) 4-Chlorotoluene	11.51	91	336033	20.255	ug/l	99
83) tert-Butylbenzene	11.76	119	328714	19.865	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	364310	20.625	ug/l	99
85) sec-Butylbenzene	11.94	105	414686	20.456	ug/l	99
86) p-Isopropyltoluene	12.06	119	381881	20.384	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	200061	19.530	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	199656	19.457	ug/l	98
89) n-Butylbenzene	12.38	91	330829	20.276	ug/l	99
90) Hexachloroethane	12.59	117	63965	18.382	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	195183	19.184	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	26896	16.524	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	136010	20.735	ug/l	98
94) Hexachlorobutadiene	13.77	225	64217	19.021	ug/l	97
95) Naphthalene	13.83	128	416762	20.267	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	136840	20.631	ug/l	98

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

