

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX013019\
 Data File : VX007305.D
 Acq On : 30 Jan 2019 10:58
 Operator : JC/SP
 Sample : VX0130WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0130WBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/1/2019 10:44:26 AM

Quant Time: Jan 31 00:50:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	518298	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	767364	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	700489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	360400	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	232427	42.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.82%	
35) Dibromofluoromethane	5.51	113	213412	43.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.86%	
50) Toluene-d8	8.71	98	783296	43.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.10%	
62) 4-Bromofluorobenzene	11.13	95	286050	45.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	68819	16.169	ug/l	99
3) Chloromethane	1.33	50	78475	15.838	ug/l	95
4) Vinyl Chloride	1.41	62	88870	16.674	ug/l	98
5) Bromomethane	1.64	94	92571	16.256	ug/l	98
6) Chloroethane	1.72	64	61211	16.447	ug/l	96
7) Trichlorofluoromethane	1.93	101	149848	17.400	ug/l	99
8) Diethyl Ether	2.19	74	62159	18.142	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	88987	17.259	ug/l	99
10) Methyl Iodide	2.51	142	129465	18.615	ug/l	99
11) Tert butyl alcohol	3.06	59	116962	91.537	ug/l	99
12) 1,1-Dichloroethene	2.38	96	78537	16.487	ug/l	98
13) Acrolein	2.30	56	57245	105.682	ug/l	96
14) Allyl chloride	2.73	41	141018	17.273	ug/l	97
15) Acrylonitrile	3.15	53	278028	94.785	ug/l	99
16) Acetone	2.45	43	255052	95.246	ug/l	96
17) Carbon Disulfide	2.57	76	158943	12.960	ug/l	99
18) Methyl Acetate	2.78	43	158380	20.423	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	304004	18.387	ug/l	96
20) Methylene Chloride	2.86	84	97340	18.758	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	86139	16.227	ug/l	99
22) Diisopropyl ether	3.87	45	280399	18.270	ug/l	98
23) Vinyl Acetate	3.82	43	1139780	88.060	ug/l	100
24) 1,1-Dichloroethane	3.70	63	159035	18.531	ug/l	97
25) 2-Butanone	4.70	43	361231	94.277	ug/l	96
26) 2,2-Dichloropropane	4.58	77	117456	17.798	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	101539	17.341	ug/l	97
28) Bromochloromethane	5.02	49	60738	16.154	ug/l	95
29) Tetrahydrofuran	5.15	42	229720	92.255	ug/l	96
30) Chloroform	5.21	83	169548	18.869	ug/l	98
31) Cyclohexane	5.58	56	122172	15.995	ug/l	94
32) 1,1,1-Trichloroethane	5.50	97	135937	17.849	ug/l	97
36) 1,1-Dichloropropene	5.81	75	111503	16.713	ug/l	99
37) Ethyl Acetate	4.85	43	133263	18.631	ug/l	98
38) Carbon Tetrachloride	5.78	117	117871	17.560	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	134760	15.844	ug/l	95
40) Benzene	6.14	78	362373	17.801	ug/l	97
41) Methacrylonitrile	5.06	41	75901	18.421	ug/l	97
42) 1,2-Dichloroethane	6.20	62	125269	17.807	ug/l	100
43) Isopropyl Acetate	6.46	43	206567	18.309	ug/l	98
44) Trichloroethene	7.21	130	105762	17.337	ug/l	99
45) 1,2-Dichloropropane	7.51	63	94777	18.519	ug/l	98
46) Dibromomethane	7.66	93	65905	18.323	ug/l	99
47) Bromodichloromethane	7.90	83	114010	18.622	ug/l	95
48) Methyl methacrylate	7.77	41	105453	18.201	ug/l	99
49) 1,4-Dioxane	7.75	88	50780	378.453	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	717083	98.900	ug/l	99
52) Toluene	8.78	92	232125	17.741	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	122758	18.082	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	137953	18.401	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	103875	19.834	ug/l	98
56) Ethyl methacrylate	9.18	69	145315	19.007	ug/l	94
57) 1,3-Dichloropropane	9.37	76	162814	18.976	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	349958	89.025	ug/l	99
59) 2-Hexanone	9.49	43	545775	98.776	ug/l	98
60) Dibromochloromethane	9.59	129	100124	19.689	ug/l	97
61) 1,2-Dibromoethane	9.67	107	107977	18.728	ug/l	99
64) Tetrachloroethene	9.34	164	113312	18.684	ug/l	93
65) Chlorobenzene	10.14	112	275001	18.000	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.22	131	96621	18.800	ug/l	99
67) Ethyl Benzene	10.25	91	449437	17.819	ug/l	98
68) m/p-Xylenes	10.36	106	349990	35.220	ug/l	100
69) o-Xylene	10.70	106	175235	18.082	ug/l	99
70) Styrene	10.71	104	280985	18.307	ug/l	99
71) Bromoform	10.86	173	72986	19.100	ug/l #	97
73) Isopropylbenzene	11.02	105	465330	18.311	ug/l	99
74) N-amyl acetate	10.90	43	185514	18.131	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	152065	18.848	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	140315m	19.212	ug/l	
77) Bromobenzene	11.26	156	126340	18.043	ug/l	98
78) n-propylbenzene	11.36	91	510072	18.283	ug/l	99
79) 2-Chlorotoluene	11.42	91	306396	18.245	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	378188	17.810	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	37275	18.020	ug/l	91
82) 4-Chlorotoluene	11.51	91	351027	18.053	ug/l	99
83) tert-Butylbenzene	11.77	119	389049	18.363	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	387522	18.148	ug/l	100
85) sec-Butylbenzene	11.94	105	460910	18.216	ug/l	99
86) p-Isopropyltoluene	12.06	119	411751	18.193	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	227224	17.953	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	229851	19.257	ug/l	99
89) n-Butylbenzene	12.39	91	343651	17.812	ug/l	98
90) Hexachloroethane	12.60	117	61065	18.826	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	225037	18.017	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	29493	18.484	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	154553	18.036	ug/l	100
94) Hexachlorobutadiene	13.78	225	73007	19.199	ug/l	97
95) Naphthalene	13.83	128	478619	18.432	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	154672	18.170	ug/l	98

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

