

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020119\
 Data File : VX007335.D
 Acq On : 01 Feb 2019 14:40
 Operator : JC/SP
 Sample : VX0201WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0201WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/4/2019 9:36:57 AM

Quant Time: Feb 02 03:34:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	501510	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	725534	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	674375	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	362788	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	250557	47.07	ug/l	0.00
Spiked Amount			Recovery	=	94.14%	
35) Dibromofluoromethane	5.50	113	227445	48.18	ug/l	0.00
Spiked Amount			Recovery	=	96.36%	
50) Toluene-d8	8.71	98	862640	49.25	ug/l	0.00
Spiked Amount			Recovery	=	98.50%	
62) 4-Bromofluorobenzene	11.13	95	319265	49.93	ug/l	0.00
Spiked Amount			Recovery	=	99.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	125232	20.426	ug/l	96
3) Chloromethane	1.33	50	113712	20.130	ug/l	94
4) Vinyl Chloride	1.41	62	113349	20.454	ug/l	99
5) Bromomethane	1.64	94	112292	20.201	ug/l	100
6) Chloroethane	1.72	64	68690	19.161	ug/l	100
7) Trichlorofluoromethane	1.93	101	166227	19.175	ug/l	98
8) Diethyl Ether	2.19	74	60656	18.590	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	101050	19.596	ug/l	97
10) Methyl Iodide	2.51	142	139231	18.355	ug/l	100
11) Tert butyl alcohol	3.07	59	114992	104.384	ug/l	99
12) 1,1-Dichloroethene	2.37	96	90698	18.941	ug/l	98
13) Acrolein	2.29	56	51130	98.978	ug/l	98
14) Allyl chloride	2.73	41	147671	18.927	ug/l	99
15) Acrylonitrile	3.15	53	263645	96.744	ug/l	99
16) Acetone	2.45	43	236328	96.920	ug/l	100
17) Carbon Disulfide	2.57	76	224281	19.273	ug/l	98
18) Methyl Acetate	2.78	43	131406	21.031	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	290812	18.746	ug/l	100
20) Methylene Chloride	2.86	84	100160	19.873	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	93925	18.414	ug/l	99
22) Diisopropyl ether	3.87	45	268295	18.695	ug/l	98
23) Vinyl Acetate	3.82	43	1143842	96.047	ug/l	99
24) 1,1-Dichloroethane	3.70	63	157384	19.096	ug/l	99
25) 2-Butanone	4.70	43	345277	99.500	ug/l	100
26) 2,2-Dichloropropane	4.58	77	113467	18.078	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	103044	18.495	ug/l	99
28) Bromochloromethane	5.01	49	71189	18.783	ug/l	99
29) Tetrahydrofuran	5.15	42	219262	100.465	ug/l	98
30) Chloroform	5.21	83	162372	18.880	ug/l	99
31) Cyclohexane	5.57	56	140035	18.918	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	139657	19.238	ug/l	98
36) 1,1-Dichloropropene	5.80	75	119531	18.362	ug/l	98
37) Ethyl Acetate	4.85	43	124552	18.927	ug/l	97
38) Carbon Tetrachloride	5.78	117	122246	19.356	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	156017	19.809	ug/l	96
40) Benzene	6.14	78	365104	19.040	ug/l	100
41) Methacrylonitrile	5.05	41	67746	19.209	ug/l	96
42) 1,2-Dichloroethane	6.20	62	123695	18.644	ug/l	98
43) Isopropyl Acetate	6.46	43	194423	19.141	ug/l	99
44) Trichloroethene	7.21	130	107696	18.648	ug/l	96
45) 1,2-Dichloropropane	7.51	63	92415	19.235	ug/l	96
46) Dibromomethane	7.66	93	64831	18.566	ug/l	99
47) Bromodichloromethane	7.90	83	109248	18.460	ug/l	99
48) Methyl methacrylate	7.77	41	101395	19.957	ug/l	99
49) 1,4-Dioxane	7.74	88	50405	440.126	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	671659	100.449	ug/l	99
52) Toluene	8.78	92	236959	19.153	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	120669	18.982	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	133426	19.086	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	97562	18.918	ug/l	97
56) Ethyl methacrylate	9.18	69	139945	19.592	ug/l	99
57) 1,3-Dichloropropane	9.37	76	156066	19.029	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	371793	98.754	ug/l	100
59) 2-Hexanone	9.49	43	521055	100.140	ug/l	100
60) Dibromochloromethane	9.58	129	92808	19.028	ug/l	96
61) 1,2-Dibromoethane	9.67	107	102947	18.849	ug/l	98
64) Tetrachloroethene	9.34	164	115931	18.239	ug/l	98
65) Chlorobenzene	10.13	112	278505	18.925	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	93952	19.042	ug/l	99
67) Ethyl Benzene	10.25	91	461497	19.474	ug/l	100
68) m/p-Xylenes	10.36	106	365082	38.754	ug/l	100
69) o-Xylene	10.69	106	174866	19.291	ug/l	98
70) Styrene	10.71	104	285070	19.391	ug/l	99
71) Bromoform	10.85	173	69646	18.827	ug/l #	99
73) Isopropylbenzene	11.02	105	473955	19.225	ug/l	99
74) N-amyl acetate	10.90	43	180189	18.896	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	142749	18.999	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	138335m	19.603	ug/l	
77) Bromobenzene	11.26	156	128616	18.516	ug/l	99
78) n-propylbenzene	11.36	91	530410	19.620	ug/l	100
79) 2-Chlorotoluene	11.42	91	315064	19.207	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	392678	19.469	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	36648	18.923	ug/l	96
82) 4-Chlorotoluene	11.51	91	358857	18.906	ug/l	98
83) tert-Butylbenzene	11.77	119	376755	18.867	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	400370	19.552	ug/l	100
85) sec-Butylbenzene	11.94	105	479014	19.820	ug/l	100
86) p-Isopropyltoluene	12.06	119	431100	19.760	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	230744	18.510	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	232239	18.363	ug/l	98
89) n-Butylbenzene	12.39	91	361694	19.272	ug/l	99
90) Hexachloroethane	12.60	117	60680	18.584	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	229184	18.473	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	29274	18.738	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	156592	18.716	ug/l	99
94) Hexachlorobutadiene	13.78	225	77245	19.014	ug/l	99
95) Naphthalene	13.83	128	468437	19.146	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	156548	18.588	ug/l	99

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

