

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020419\
 Data File : VX007352.D
 Acq On : 04 Feb 2019 12:03
 Operator : JC/SP
 Sample : VX0204WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0204WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/5/2019 9:52:39 AM

Quant Time: Feb 05 00:11:40 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	509906	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	725750	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	679628	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	362468	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	250429	46.27	ug/l	0.00
Spiked Amount			Recovery	=	92.54%	
35) Dibromofluoromethane	5.50	113	224806	47.61	ug/l	0.00
Spiked Amount			Recovery	=	95.22%	
50) Toluene-d8	8.71	98	847048	48.35	ug/l	0.00
Spiked Amount			Recovery	=	96.70%	
62) 4-Bromofluorobenzene	11.13	95	311455	48.69	ug/l	0.00
Spiked Amount			Recovery	=	97.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	125888	20.197	ug/l	99
3) Chloromethane	1.33	50	111565	19.425	ug/l	97
4) Vinyl Chloride	1.41	62	115382	20.478	ug/l	97
5) Bromomethane	1.64	94	111592	19.733	ug/l	99
6) Chloroethane	1.72	64	68437	18.776	ug/l	99
7) Trichlorofluoromethane	1.93	101	171949	19.508	ug/l	97
8) Diethyl Ether	2.19	74	61966	18.678	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	99972	19.068	ug/l	98
10) Methyl Iodide	2.51	142	143072	18.550	ug/l	99
11) Tert butyl alcohol	3.06	59	112135	100.115	ug/l	100
12) 1,1-Dichloroethene	2.38	96	88965	18.273	ug/l	99
13) Acrolein	2.29	56	65758	125.199	ug/l	96
14) Allyl chloride	2.73	41	153242	19.318	ug/l	98
15) Acrylonitrile	3.15	53	263990	95.275	ug/l	99
16) Acetone	2.45	43	232152	93.640	ug/l	97
17) Carbon Disulfide	2.57	76	231934	19.566	ug/l	99
18) Methyl Acetate	2.78	43	131674	20.736	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	294061	18.644	ug/l	100
20) Methylene Chloride	2.86	84	101780	19.862	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	94593	18.239	ug/l	96
22) Diisopropyl ether	3.87	45	277421	19.012	ug/l	98
23) Vinyl Acetate	3.82	43	1166727	96.355	ug/l	98
24) 1,1-Dichloroethane	3.70	63	165217	19.716	ug/l	98
25) 2-Butanone	4.70	43	338390	95.910	ug/l	99
26) 2,2-Dichloropropane	4.58	77	119229	18.683	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	102110	18.026	ug/l	99
28) Bromochloromethane	5.02	49	67621	17.548	ug/l	97
29) Tetrahydrofuran	5.15	42	220368	99.310	ug/l	100
30) Chloroform	5.21	83	163801	18.733	ug/l	96
31) Cyclohexane	5.57	56	141155	18.755	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	141204	19.131	ug/l	99
36) 1,1-Dichloropropene	5.79	75	123369	18.946	ug/l	99
37) Ethyl Acetate	4.85	43	125735	19.101	ug/l	97
38) Carbon Tetrachloride	5.79	117	124744	19.746	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	153884	19.532	ug/l	95
40) Benzene	6.14	78	369145	19.245	ug/l	99
41) Methacrylonitrile	5.06	41	70423	19.962	ug/l	99
42) 1,2-Dichloroethane	6.20	62	126456	19.054	ug/l	99
43) Isopropyl Acetate	6.46	43	198098	19.497	ug/l	99
44) Trichloroethene	7.21	130	109041	18.875	ug/l	91
45) 1,2-Dichloropropane	7.51	63	93193	19.391	ug/l	95
46) Dibromomethane	7.66	93	66080	18.918	ug/l	98
47) Bromodichloromethane	7.90	83	116055	19.604	ug/l	99
48) Methyl methacrylate	7.77	41	100104	19.697	ug/l	99
49) 1,4-Dioxane	7.75	88	46706	408.212	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	665185	99.452	ug/l	100
52) Toluene	8.78	92	238863	19.301	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	123133	19.364	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	138224	19.767	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	101051	19.588	ug/l	94
56) Ethyl methacrylate	9.18	69	138109	19.330	ug/l	100
57) 1,3-Dichloropropane	9.37	76	157966	19.255	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	367136	97.488	ug/l	99
59) 2-Hexanone	9.49	43	509606	97.911	ug/l	100
60) Dibromochloromethane	9.58	129	98802	20.251	ug/l	98
61) 1,2-Dibromoethane	9.67	107	106796	19.548	ug/l	100
64) Tetrachloroethene	9.34	164	120540	18.818	ug/l	98
65) Chlorobenzene	10.14	112	275020	18.544	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	97882	19.685	ug/l	98
67) Ethyl Benzene	10.25	91	460124	19.266	ug/l	100
68) m/p-Xylenes	10.36	106	360471	37.969	ug/l	99
69) o-Xylene	10.69	106	176525	19.323	ug/l	99
70) Styrene	10.71	104	285405	19.264	ug/l	99
71) Bromoform	10.85	173	72978	19.415	ug/l #	99
73) Isopropylbenzene	11.02	105	480193	19.495	ug/l	99
74) N-amyl acetate	10.90	43	176940	18.572	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	144118	19.198	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	138872m	19.697	ug/l	
77) Bromobenzene	11.26	156	129497	18.659	ug/l	99
78) n-propylbenzene	11.36	91	529587	19.607	ug/l	100
79) 2-Chlorotoluene	11.42	91	315165	19.230	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	390817	19.394	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	38150	19.539	ug/l	99
82) 4-Chlorotoluene	11.51	91	362693	19.125	ug/l	99
83) tert-Butylbenzene	11.77	119	376982	18.895	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	401421	19.621	ug/l	100
85) sec-Butylbenzene	11.94	105	482627	19.987	ug/l	100
86) p-Isopropyltoluene	12.06	119	425360	19.514	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	235808	18.933	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	233966	18.515	ug/l	99
89) n-Butylbenzene	12.39	91	360643	19.233	ug/l	99
90) Hexachloroethane	12.60	117	65375	20.039	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	228793	18.458	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	30224	19.363	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	155689	18.625	ug/l	99
94) Hexachlorobutadiene	13.78	225	79110	19.490	ug/l	97
95) Naphthalene	13.83	128	461100	18.863	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	156899	18.647	ug/l	98

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

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