

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020819\
 Data File : VX007443.D
 Acq On : 08 Feb 2019 15:42
 Operator : JC/SP
 Sample : VX0208WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0208WBS02

Manual Integrations
 APPROVED

MMDadoda
 2/11/2019 9:39:24 AM

Quant Time: Feb 08 23:18:26 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	5.67	168	456932	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	689750	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	626709	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	314677	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	249718	51.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.98%	
35) Dibromofluoromethane	5.51	113	227134	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	
50) Toluene-d8	8.71	98	824070	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	
62) 4-Bromofluorobenzene	11.13	95	288635	47.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	108493	19.431	ug/l	98
3) Chloromethane	1.33	50	96265	18.704	ug/l	99
4) Vinyl Chloride	1.41	62	103291	20.457	ug/l	98
5) Bromomethane	1.64	94	94864	18.695	ug/l	98
6) Chloroethane	1.73	64	65220	19.968	ug/l	98
7) Trichlorofluoromethane	1.93	101	159064	20.139	ug/l	100
8) Diethyl Ether	2.19	74	60266	20.272	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	92577	19.705	ug/l	99
10) Methyl Iodide	2.51	142	129796	18.780	ug/l	99
11) Tert butyl alcohol	3.07	59	106078	105.687	ug/l	98
12) 1,1-Dichloroethene	2.38	96	85782	19.662	ug/l	99
13) Acrolein	2.30	56	48531	103.112	ug/l	99
14) Allyl chloride	2.73	41	142960	20.111	ug/l	97
15) Acrylonitrile	3.15	53	263282	106.036	ug/l	99
16) Acetone	2.45	43	259093	116.622	ug/l	99
17) Carbon Disulfide	2.57	76	197843	18.727	ug/l	100
18) Methyl Acetate	2.78	43	137969	24.145	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	290070	20.523	ug/l	95
20) Methylene Chloride	2.86	84	96277	20.988	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	90579	19.490	ug/l	95
22) Diisopropyl ether	3.87	45	264803	20.251	ug/l	91
23) Vinyl Acetate	3.82	43	1104753	101.815	ug/l	99
24) 1,1-Dichloroethane	3.70	63	151014	20.111	ug/l	98
25) 2-Butanone	4.70	43	332452	105.151	ug/l	100
26) 2,2-Dichloropropane	4.59	77	107048	18.719	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	98437	19.392	ug/l	99
28) Bromochloromethane	5.02	49	68506	19.838	ug/l	99
29) Tetrahydrofuran	5.15	42	217242	109.251	ug/l	99
30) Chloroform	5.22	83	159243	20.323	ug/l	100
31) Cyclohexane	5.57	56	129075	19.139	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	134530	20.340	ug/l	99
36) 1,1-Dichloropropene	5.80	75	111072	17.948	ug/l	99
37) Ethyl Acetate	4.86	43	125502	20.061	ug/l	99
38) Carbon Tetrachloride	5.78	117	115151	19.179	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	137827	18.407	ug/l	97
40) Benzene	6.14	78	351572	19.285	ug/l	98
41) Methacrylonitrile	5.06	41	70129	20.916	ug/l	99
42) 1,2-Dichloroethane	6.20	62	124501	19.739	ug/l	99
43) Isopropyl Acetate	6.46	43	192023	19.886	ug/l	99
44) Trichloroethene	7.21	130	103734	18.893	ug/l	99
45) 1,2-Dichloropropane	7.51	63	89606	19.618	ug/l	98
46) Dibromomethane	7.66	93	65276	19.663	ug/l	97
47) Bromodichloromethane	7.90	83	106769	18.977	ug/l	97
48) Methyl methacrylate	7.77	41	97848	20.258	ug/l	98
49) 1,4-Dioxane	7.74	88	41084	378.329	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	649426	102.163	ug/l	100
52) Toluene	8.79	92	223927	19.038	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	112461	18.609	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	129521	19.489	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	97102	19.805	ug/l	98
56) Ethyl methacrylate	9.18	69	132107	19.455	ug/l	98
57) 1,3-Dichloropropane	9.37	76	153338	19.666	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	366274	102.335	ug/l	99
59) 2-Hexanone	9.49	43	494608	99.989	ug/l	100
60) Dibromochloromethane	9.58	129	91753	19.787	ug/l	98
61) 1,2-Dibromoethane	9.67	107	103392	19.913	ug/l	100
64) Tetrachloroethene	9.34	164	107796	18.249	ug/l	93
65) Chlorobenzene	10.14	112	256914	18.786	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	92805	20.240	ug/l	98
67) Ethyl Benzene	10.25	91	414489	18.820	ug/l	98
68) m/p-Xylenes	10.36	106	322976	36.892	ug/l	99
69) o-Xylene	10.70	106	158069	18.764	ug/l	97
70) Styrene	10.71	104	258062	18.889	ug/l	99
71) Bromoform	10.86	173	64542	18.785	ug/l #	100
73) Isopropylbenzene	11.02	105	424762	19.864	ug/l	98
74) N-amyl acetate	10.90	43	165595	20.021	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	140620	21.577	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	134232m	21.930	ug/l	
77) Bromobenzene	11.26	156	118185	19.616	ug/l	99
78) n-propylbenzene	11.36	91	468183	19.966	ug/l	100
79) 2-Chlorotoluene	11.42	91	277569	19.508	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	345249	19.734	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	35171	20.487	ug/l	96
82) 4-Chlorotoluene	11.51	91	318630	19.354	ug/l	100
83) tert-Butylbenzene	11.77	119	334113	19.290	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	358536	20.186	ug/l	99
85) sec-Butylbenzene	11.94	105	421095	20.087	ug/l	100
86) p-Isopropyltoluene	12.06	119	372063	19.661	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	206845	19.129	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	208836	19.037	ug/l	98
89) n-Butylbenzene	12.39	91	306786	18.845	ug/l	99
90) Hexachloroethane	12.60	117	55096	19.453	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	204795	19.031	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	28229	20.832	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	136599	18.823	ug/l	99
94) Hexachlorobutadiene	13.78	225	64736	18.371	ug/l	100
95) Naphthalene	13.83	128	427247	20.132	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	135551	18.556	ug/l	97

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

