

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040319\
 Data File : VX008621.D
 Acq On : 03 Apr 2019 18:30
 Operator : JC/SP
 Sample : VX0403WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0403WBSD01

Manual Integrations
 APPROVED

MMDadoda
 4/4/2019 3:37:22 PM

Quant Time: Apr 04 06:38:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	182919	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	311509	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	275131	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	124749	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	138839	52.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.08%	
35) Dibromofluoromethane	5.50	113	101270	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
50) Toluene-d8	8.71	98	408379	51.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.00%	
62) 4-Bromofluorobenzene	11.13	95	145878	51.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	39450	18.736	ug/l	100
3) Chloromethane	1.32	50	54601	20.151	ug/l	98
4) Vinyl Chloride	1.40	62	52034	18.281	ug/l	98
5) Bromomethane	1.64	94	25953	19.697	ug/l	99
6) Chloroethane	1.71	64	36029	21.449	ug/l	98
7) Trichlorofluoromethane	1.93	101	58057	18.452	ug/l	98
8) Diethyl Ether	2.19	74	28258	18.939	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	38120	18.818	ug/l	100
10) Methyl Iodide	2.51	142	29501	18.713	ug/l	100
11) Tert butyl alcohol	3.05	59	64144	102.695	ug/l	99
12) 1,1-Dichloroethene	2.37	96	38905	18.397	ug/l	98
13) Acrolein	2.29	56	27242	87.959	ug/l	100
14) Allyl chloride	2.73	41	89332	18.453	ug/l	99
15) Acrylonitrile	3.14	53	160301	96.877	ug/l	100
16) Acetone	2.45	43	147194	95.787	ug/l	100
17) Carbon Disulfide	2.57	76	114433	18.270	ug/l	100
18) Methyl Acetate	2.78	43	69451	18.635	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	143926	19.058	ug/l	98
20) Methylene Chloride	2.85	84	47723	18.553	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	41933	18.332	ug/l	93
22) Diisopropyl ether	3.85	45	177831	19.059	ug/l	90
23) Vinyl Acetate	3.81	43	788520	97.143	ug/l	98
24) 1,1-Dichloroethane	3.70	63	86415	18.706	ug/l	100
25) 2-Butanone	4.67	43	239003	98.405	ug/l	100
26) 2,2-Dichloropropane	4.58	77	59050	18.148	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	48202	18.329	ug/l	99
28) Bromochloromethane	5.01	49	44124	21.117	ug/l	100
29) Tetrahydrofuran	5.13	42	156707	97.211	ug/l	100
30) Chloroform	5.21	83	77739	18.840	ug/l	99
31) Cyclohexane	5.58	56	84248	18.276	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	62341	18.696	ug/l	99
36) 1,1-Dichloropropene	5.80	75	59443	17.457	ug/l	100
37) Ethyl Acetate	4.84	43	87506	19.253	ug/l	99
38) Carbon Tetrachloride	5.78	117	51314	18.208	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	74591	17.733	ug/l	99
40) Benzene	6.14	78	187543	18.488	ug/l	99
41) Methacrylonitrile	5.04	41	48903	18.718	ug/l	100
42) 1,2-Dichloroethane	6.19	62	67484	18.556	ug/l	100
43) Isopropyl Acetate	6.45	43	134269	18.858	ug/l	100
44) Trichloroethene	7.21	130	42484	17.981	ug/l	94
45) 1,2-Dichloropropane	7.51	63	52735	18.213	ug/l	98
46) Dibromomethane	7.66	93	30159	17.959	ug/l	99
47) Bromodichloromethane	7.90	83	57793	18.253	ug/l	99
48) Methyl methacrylate	7.77	41	67572	18.762	ug/l	99
49) 1,4-Dioxane	7.74	88	26964	399.654	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	451933	98.603	ug/l	99
52) Toluene	8.79	92	111284	18.608	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	64398	18.157	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	73812	18.213	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	45323	18.880	ug/l	99
56) Ethyl methacrylate	9.18	69	82674	19.034	ug/l	100
57) 1,3-Dichloropropane	9.37	76	81434	18.891	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	232615	104.882	ug/l	100
59) 2-Hexanone	9.49	43	352474	98.956	ug/l	100
60) Dibromochloromethane	9.58	129	41835	18.493	ug/l	99
61) 1,2-Dibromoethane	9.67	107	46610	18.650	ug/l	99
64) Tetrachloroethene	9.34	164	36579	17.945	ug/l	95
65) Chlorobenzene	10.14	112	111534	18.288	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	38919	18.190	ug/l	98
67) Ethyl Benzene	10.25	91	211071	18.560	ug/l	100
68) m/p-Xylenes	10.36	106	152253	37.235	ug/l	100
69) o-Xylene	10.70	106	74033	18.683	ug/l	99
70) Styrene	10.71	104	128215	18.771	ug/l	99
71) Bromoform	10.85	173	29896	18.295	ug/l #	100
73) Isopropylbenzene	11.02	105	199593	19.306	ug/l	100
74) N-amyl acetate	10.90	43	118745	19.522	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	76586	19.478	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	65302m	19.055	ug/l	
77) Bromobenzene	11.26	156	47363	19.057	ug/l	99
78) n-propylbenzene	11.36	91	227928	18.935	ug/l	100
79) 2-Chlorotoluene	11.42	91	136277	18.707	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	164457	18.951	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	23042	18.534	ug/l	93
82) 4-Chlorotoluene	11.51	91	157807	18.715	ug/l	100
83) tert-Butylbenzene	11.77	119	156773	18.777	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	166112	18.904	ug/l	100
85) sec-Butylbenzene	11.94	105	188270	18.984	ug/l	100
86) p-Isopropyltoluene	12.06	119	168145	18.890	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	80793	18.159	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	81331	18.052	ug/l	99
89) n-Butylbenzene	12.38	91	154850	18.550	ug/l	99
90) Hexachloroethane	12.59	117	27380	18.546	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	81946	18.550	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16612	19.206	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	55193	17.969	ug/l	99
94) Hexachlorobutadiene	13.78	225	27945	18.971	ug/l	99
95) Naphthalene	13.83	128	195823	19.075	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	56744	18.490	ug/l	99

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

