

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030819\
 Data File : VX007938.D
 Acq On : 08 Mar 2019 18:42
 Operator : JC/SP
 Sample : VX0308WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBSD02

Manual Integrations
 APPROVED

MMDadoda
 3/11/2019 12:02:27 PM

Quant Time: Mar 09 05:19:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	258528	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	372241	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	331577	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	161894	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	133364	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	
35) Dibromofluoromethane	5.50	113	117776	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	
50) Toluene-d8	8.71	98	443551	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
62) 4-Bromofluorobenzene	11.13	95	155737	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	42212	19.111	ug/l	97
3) Chloromethane	1.33	50	55268	19.417	ug/l	98
4) Vinyl Chloride	1.41	62	56181	19.864	ug/l	100
5) Bromomethane	1.64	94	32333	23.770	ug/l	99
6) Chloroethane	1.73	64	36436	19.392	ug/l	99
7) Trichlorofluoromethane	1.93	101	73155	19.867	ug/l	96
8) Diethyl Ether	2.19	74	31978	20.055	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	45403	19.897	ug/l	99
10) Methyl Iodide	2.51	142	66620	20.579	ug/l	99
11) Tert butyl alcohol	3.07	59	63683	104.416	ug/l	99
12) 1,1-Dichloroethene	2.38	96	43730	19.881	ug/l	97
13) Acrolein	2.30	56	29235	85.722	ug/l	100
14) Allyl chloride	2.73	41	89471	19.358	ug/l	99
15) Acrylonitrile	3.15	53	154110	100.108	ug/l	100
16) Acetone	2.45	43	146134	92.576	ug/l	100
17) Carbon Disulfide	2.57	76	132327	19.537	ug/l	98
18) Methyl Acetate	2.78	43	70261	20.951	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	154453	20.411	ug/l	99
20) Methylene Chloride	2.86	84	49701	19.783	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	47089	19.456	ug/l	98
22) Diisopropyl ether	3.87	45	168992	19.946	ug/l	100
23) Vinyl Acetate	3.82	43	730393	98.305	ug/l	100
24) 1,1-Dichloroethane	3.70	63	90894	19.935	ug/l	100
25) 2-Butanone	4.70	43	219475	98.208	ug/l	100
26) 2,2-Dichloropropane	4.59	77	57722	19.109	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	54160	19.556	ug/l	99
28) Bromochloromethane	5.03	49	42265	19.883	ug/l	99
29) Tetrahydrofuran	5.15	42	139768	100.265	ug/l	100
30) Chloroform	5.21	83	86026	19.946	ug/l	100
31) Cyclohexane	5.57	56	83329	19.885	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	70769	19.776	ug/l	99
36) 1,1-Dichloropropene	5.80	75	64829	19.234	ug/l	99
37) Ethyl Acetate	4.85	43	78308	19.578	ug/l	99
38) Carbon Tetrachloride	5.78	117	61423	19.195	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	80021	19.593	ug/l	99
40) Benzene	6.14	78	202410	20.172	ug/l	100
41) Methacrylonitrile	5.06	41	44811	20.549	ug/l	99
42) 1,2-Dichloroethane	6.20	62	66352	20.220	ug/l	100
43) Isopropyl Acetate	6.46	43	118789	20.067	ug/l	100
44) Trichloroethene	7.21	130	54069	19.553	ug/l	99
45) 1,2-Dichloropropane	7.52	63	53909	20.341	ug/l	97
46) Dibromomethane	7.66	93	33201	19.795	ug/l	99
47) Bromodichloromethane	7.90	83	62561	19.674	ug/l	100
48) Methyl methacrylate	7.77	41	63024	20.250	ug/l	100
49) 1,4-Dioxane	7.75	88	26029	407.127	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	397790	104.491	ug/l	100
52) Toluene	8.78	92	124049	20.249	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	64807	19.526	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	74827	19.964	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	51825	20.898	ug/l	99
56) Ethyl methacrylate	9.18	69	77555	20.828	ug/l	99
57) 1,3-Dichloropropane	9.37	76	86933	20.877	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	205904	106.902	ug/l	99
59) 2-Hexanone	9.49	43	302454	102.332	ug/l	100
60) Dibromochloromethane	9.58	129	51282	19.784	ug/l	99
61) 1,2-Dibromoethane	9.67	107	53734	20.408	ug/l	99
64) Tetrachloroethene	9.34	164	55012	20.021	ug/l	97
65) Chlorobenzene	10.14	112	135269	19.495	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	49080	19.737	ug/l	100
67) Ethyl Benzene	10.25	91	226751	19.853	ug/l	100
68) m/p-Xylenes	10.36	106	174731	39.690	ug/l	99
69) o-Xylene	10.69	106	84973	19.992	ug/l	100
70) Styrene	10.71	104	140480	20.198	ug/l	100
71) Bromoform	10.85	173	39465	18.480	ug/l #	98
73) Isopropylbenzene	11.02	105	228364	20.857	ug/l	100
74) N-amyl acetate	10.90	43	101353	20.276	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	75878	20.091	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	73478m	21.629	ug/l	
77) Bromobenzene	11.26	156	61260	20.407	ug/l	99
78) n-propylbenzene	11.36	91	251027	20.666	ug/l	99
79) 2-Chlorotoluene	11.42	91	151683	20.424	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	188217	20.886	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	20100	18.912	ug/l	92
82) 4-Chlorotoluene	11.51	91	174465	20.498	ug/l	100
83) tert-Butylbenzene	11.77	119	184563	20.332	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	192406	20.827	ug/l	99
85) sec-Butylbenzene	11.94	105	223549	20.910	ug/l	99
86) p-Isopropyltoluene	12.06	119	199642	20.851	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	106896	20.128	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	107083	19.689	ug/l	99
89) n-Butylbenzene	12.38	91	165334	20.382	ug/l	99
90) Hexachloroethane	12.60	117	31199	19.489	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	105952	20.083	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	15122	19.158	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	72866	19.660	ug/l	100
94) Hexachlorobutadiene	13.78	225	39375	20.320	ug/l	99
95) Naphthalene	13.83	128	218855	20.494	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	74344	20.136	ug/l	100

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

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