

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021619\
 Data File : VX007568.D
 Acq On : 15 Feb 2019 15:18
 Operator : JC/SP
 Sample : VX0216WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0216WBSD02

Manual Integrations
 APPROVED

MMDadoda
 2/18/2019 10:40:43 AM

Quant Time: Feb 16 04:07:57 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	455702	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	679214	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	607103	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	302219	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	234108	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	
35) Dibromofluoromethane	5.50	113	215816	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	
50) Toluene-d8	8.71	98	768259	46.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.70%	
62) 4-Bromofluorobenzene	11.13	95	267154	44.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	97531	17.532	ug/l	98
3) Chloromethane	1.33	50	82404	16.054	ug/l	98
4) Vinyl Chloride	1.41	62	92389	18.348	ug/l	99
5) Bromomethane	1.64	94	83308	16.402	ug/l	99
6) Chloroethane	1.73	64	60849	18.680	ug/l	97
7) Trichlorofluoromethane	1.93	101	150805	19.145	ug/l	99
8) Diethyl Ether	2.19	74	57003	19.226	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	86696	18.503	ug/l	98
10) Methyl Iodide	2.51	142	102514	14.873	ug/l	97
11) Tert butyl alcohol	3.07	59	112832	112.719	ug/l	99
12) 1,1-Dichloroethene	2.38	96	78956	18.147	ug/l	99
13) Acrolein	2.30	56	48235	102.760	ug/l	97
14) Allyl chloride	2.73	41	137802	19.438	ug/l	99
15) Acrylonitrile	3.15	53	254677	102.847	ug/l	100
16) Acetone	2.45	43	245327	110.724	ug/l	100
17) Carbon Disulfide	2.57	76	181409	17.389	ug/l	100
18) Methyl Acetate	2.78	43	141809	24.866	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	276852	19.640	ug/l	98
20) Methylene Chloride	2.86	84	88854	19.393	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	83962	18.115	ug/l	99
22) Diisopropyl ether	3.87	45	263283	20.190	ug/l	98
23) Vinyl Acetate	3.82	43	1095667	101.250	ug/l	100
24) 1,1-Dichloroethane	3.70	63	148176	19.786	ug/l	99
25) 2-Butanone	4.70	43	344517	109.261	ug/l	96
26) 2,2-Dichloropropane	4.59	77	111576	19.564	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	96281	19.018	ug/l	100
28) Bromochloromethane	5.01	49	64563	18.747	ug/l	98
29) Tetrahydrofuran	5.15	42	217129	109.489	ug/l	99
30) Chloroform	5.21	83	158483	20.280	ug/l	100
31) Cyclohexane	5.57	56	121277	18.031	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	132169	20.037	ug/l	100
36) 1,1-Dichloropropene	5.80	75	108554	17.813	ug/l	100
37) Ethyl Acetate	4.85	43	121720	19.758	ug/l	99
38) Carbon Tetrachloride	5.79	117	116569	19.716	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	128282	17.398	ug/l	97
40) Benzene	6.15	78	342678	19.089	ug/l	99
41) Methacrylonitrile	5.06	41	67419	20.419	ug/l	97
42) 1,2-Dichloroethane	6.20	62	116636	18.778	ug/l	99
43) Isopropyl Acetate	6.46	43	193589	20.359	ug/l	99
44) Trichloroethene	7.21	130	97871	18.102	ug/l	99
45) 1,2-Dichloropropane	7.51	63	88698	19.720	ug/l	97
46) Dibromomethane	7.66	93	61825	18.912	ug/l	98
47) Bromodichloromethane	7.90	83	105512	19.045	ug/l	97
48) Methyl methacrylate	7.77	41	98586	20.728	ug/l	97
49) 1,4-Dioxane	7.75	88	46337	432.321	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	646603	103.297	ug/l	99
52) Toluene	8.79	92	213049	18.395	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	114658	19.267	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	128905	19.697	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	92473	19.154	ug/l	99
56) Ethyl methacrylate	9.18	69	127044	18.999	ug/l	98
57) 1,3-Dichloropropane	9.37	76	148004	19.277	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	350896	99.560	ug/l	99
59) 2-Hexanone	9.49	43	497078	102.047	ug/l	99
60) Dibromochloromethane	9.59	129	92528	20.264	ug/l	99
61) 1,2-Dibromoethane	9.67	107	98158	19.198	ug/l	100
64) Tetrachloroethene	9.34	164	97964	17.120	ug/l	97
65) Chlorobenzene	10.14	112	244536	18.458	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	89957	20.253	ug/l	99
67) Ethyl Benzene	10.25	91	398451	18.676	ug/l	97
68) m/p-Xylenes	10.36	106	309414	36.484	ug/l	100
69) o-Xylene	10.69	106	154515	18.934	ug/l	99
70) Styrene	10.71	104	243743	18.417	ug/l	100
71) Bromoform	10.85	173	67544	19.970	ug/l #	100
73) Isopropylbenzene	11.02	105	403941	19.669	ug/l	98
74) N-amyl acetate	10.90	43	160706	20.231	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	135877	21.709	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	131049m	22.293	ug/l	
77) Bromobenzene	11.26	156	111362	19.245	ug/l	99
78) n-propylbenzene	11.36	91	446541	19.828	ug/l	99
79) 2-Chlorotoluene	11.42	91	265918	19.460	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	329532	19.613	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	34667	20.915	ug/l	94
82) 4-Chlorotoluene	11.51	91	301751	19.084	ug/l	99
83) tert-Butylbenzene	11.77	119	332061	19.962	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	340705	19.973	ug/l	98
85) sec-Butylbenzene	11.94	105	401198	19.927	ug/l	100
86) p-Isopropyltoluene	12.06	119	355197	19.544	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	195343	18.810	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	194002	18.413	ug/l	99
89) n-Butylbenzene	12.38	91	292152	18.686	ug/l	99
90) Hexachloroethane	12.60	117	55526	20.413	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	192279	18.605	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	27946	21.473	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	129899	18.638	ug/l	99
94) Hexachlorobutadiene	13.78	225	63917	18.886	ug/l	100
95) Naphthalene	13.83	128	404149	19.829	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	131101	18.687	ug/l	99

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

