

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050819\
 Data File : VX009393.D
 Acq On : 08 May 2019 13:13
 Operator : JC/SP
 Sample : VX0508WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/9/2019 9:49:20 AM

Quant Time: May 09 06:46:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 03:31:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	170076	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	263540	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	237240	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	116608	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	107034	46.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.20%	
35) Dibromofluoromethane	5.49	113	79625	48.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.12%	
50) Toluene-d8	8.71	98	322167	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	
62) 4-Bromofluorobenzene	11.13	95	116751	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	34333	21.906	ug/l	100
3) Chloromethane	1.32	50	47292	22.102	ug/l	100
4) Vinyl Chloride	1.40	62	49452	23.701	ug/l	97
5) Bromomethane	1.64	94	26783	21.386	ug/l	99
6) Chloroethane	1.71	64	34575	25.810	ug/l	95
7) Trichlorofluoromethane	1.92	101	60815	23.978	ug/l	99
8) Diethyl Ether	2.18	74	27447	22.846	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	38317	24.058	ug/l	99
10) Methyl Iodide	2.51	142	30735	19.677	ug/l	100
11) Tert butyl alcohol	3.04	59	62230	115.793	ug/l	100
12) 1,1-Dichloroethene	2.37	96	37790	23.681	ug/l	98
13) Acrolein	2.29	56	38793	79.705	ug/l	99
14) Allyl chloride	2.72	41	88885	22.856	ug/l	100
15) Acrylonitrile	3.14	53	150133	114.252	ug/l	99
16) Acetone	2.44	43	142731	114.489	ug/l	97
17) Carbon Disulfide	2.56	76	110568	24.679	ug/l	99
18) Methyl Acetate	2.77	43	62809	21.184	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	142037	22.921	ug/l	100
20) Methylene Chloride	2.85	84	45121	22.353	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	40869	23.615	ug/l	97
22) Diisopropyl ether	3.85	45	171871	22.981	ug/l	98
23) Vinyl Acetate	3.81	43	768525	120.001	ug/l	100
24) 1,1-Dichloroethane	3.69	63	83991	22.765	ug/l	99
25) 2-Butanone	4.67	43	228388	117.889	ug/l	99
26) 2,2-Dichloropropane	4.58	77	62176	22.641	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	48669	23.560	ug/l	96
28) Bromochloromethane	5.01	49	29461	18.087	ug/l	99
29) Tetrahydrofuran	5.13	42	148495	119.115	ug/l	99
30) Chloroform	5.21	83	76428	22.904	ug/l	96
31) Cyclohexane	5.57	56	82586	24.060	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	63250	22.770	ug/l	100
36) 1,1-Dichloropropene	5.79	75	58810	24.013	ug/l	98
37) Ethyl Acetate	4.83	43	84029	24.625	ug/l	99
38) Carbon Tetrachloride	5.78	117	53330	23.967	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	75274	25.027	ug/l	98
40) Benzene	6.14	78	182912	24.132	ug/l	99
41) Methacrylonitrile	5.04	41	46801	23.040	ug/l	98
42) 1,2-Dichloroethane	6.19	62	65432	24.065	ug/l	100
43) Isopropyl Acetate	6.44	43	131194	24.036	ug/l	100
44) Trichloroethene	7.21	130	43679	23.837	ug/l	100
45) 1,2-Dichloropropane	7.51	63	51316	23.910	ug/l	100
46) Dibromomethane	7.66	93	29181	23.414	ug/l	99
47) Bromodichloromethane	7.90	83	58127	23.381	ug/l	97
48) Methyl methacrylate	7.77	41	65770	24.288	ug/l	99
49) 1,4-Dioxane	7.73	88	26439	481.436	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	432091	121.115	ug/l	100
52) Toluene	8.78	92	111266	24.149	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	66912	23.839	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	74953	24.126	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	43920	23.365	ug/l	93
56) Ethyl methacrylate	9.18	69	79764	23.772	ug/l	99
57) 1,3-Dichloropropane	9.37	76	79240	23.955	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	172591	96.961	ug/l	100
59) 2-Hexanone	9.49	43	336528	120.105	ug/l	100
60) Dibromochloromethane	9.58	129	43781	23.847	ug/l	100
61) 1,2-Dibromoethane	9.67	107	45574	24.019	ug/l	99
64) Tetrachloroethene	9.34	164	40567	24.928	ug/l	97
65) Chlorobenzene	10.13	112	113145	23.841	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	40761	23.690	ug/l	99
67) Ethyl Benzene	10.25	91	210989	24.157	ug/l	100
68) m/p-Xylenes	10.36	106	154999	48.562	ug/l	98
69) o-Xylene	10.69	106	74115	23.535	ug/l	98
70) Styrene	10.71	104	131532	24.031	ug/l	100
71) Bromoform	10.85	173	33004	23.604	ug/l #	100
73) Isopropylbenzene	11.02	105	202021	23.824	ug/l	100
74) N-amyl acetate	10.90	43	113300	22.918	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	73093	23.123	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	63769m	23.575	ug/l	
77) Bromobenzene	11.25	156	49093	23.326	ug/l	100
78) n-propylbenzene	11.36	91	233811	24.144	ug/l	100
79) 2-Chlorotoluene	11.42	91	139916	23.418	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	171861	24.071	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	24055	22.754	ug/l	97
82) 4-Chlorotoluene	11.51	91	158074	23.420	ug/l	100
83) tert-Butylbenzene	11.77	119	162459	23.390	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	173323	24.185	ug/l	99
85) sec-Butylbenzene	11.94	105	197785	24.019	ug/l	100
86) p-Isopropyltoluene	12.06	119	178163	24.067	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	88076	23.475	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	86795	22.946	ug/l	98
89) n-Butylbenzene	12.38	91	160375	23.969	ug/l	99
90) Hexachloroethane	12.59	117	28855	22.879	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	89160	23.331	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16493	23.258	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	62127	23.773	ug/l	100
94) Hexachlorobutadiene	13.78	225	32001	23.980	ug/l	98
95) Naphthalene	13.83	128	208810	24.560	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	64621	24.394	ug/l	100

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

