

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060419\
 Data File : VX010058.D
 Acq On : 04 Jun 2019 13:36
 Operator : JC/SP
 Sample : VX0604WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0604WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/5/2019 9:26:40 AM

Quant Time: Jun 05 07:48:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	156143	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	246964	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	224307	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	111804	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	103969	47.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.28%	
35) Dibromofluoromethane	5.50	113	75497	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	
50) Toluene-d8	8.71	98	309392	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	
62) 4-Bromofluorobenzene	11.13	95	112669	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	39587	20.748	ug/l	99
3) Chloromethane	1.32	50	45193	17.618	ug/l	97
4) Vinyl Chloride	1.41	62	40355	17.452	ug/l	97
5) Bromomethane	1.64	94	23577	16.829	ug/l	95
6) Chloroethane	1.72	64	24351	17.107	ug/l	99
7) Trichlorofluoromethane	1.93	101	47281	18.503	ug/l	97
8) Diethyl Ether	2.19	74	20550	17.114	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	29316	19.003	ug/l	99
10) Methyl Iodide	2.51	142	32092	19.891	ug/l	100
11) Tert butyl alcohol	3.05	59	49650	91.468	ug/l	98
12) 1,1-Dichloroethene	2.37	96	28934	18.298	ug/l	94
13) Acrolein	2.29	56	31544	96.162	ug/l	98
14) Allyl chloride	2.73	41	70184	18.261	ug/l	99
15) Acrylonitrile	3.14	53	120855	92.405	ug/l	99
16) Acetone	2.45	43	111898	87.806	ug/l	99
17) Carbon Disulfide	2.57	76	82861	17.557	ug/l	98
18) Methyl Acetate	2.78	43	56672	19.112	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	115197	19.296	ug/l	99
20) Methylene Chloride	2.85	84	36656	18.783	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	32582	18.518	ug/l	97
22) Diisopropyl ether	3.86	45	139707	19.105	ug/l #	86
23) Vinyl Acetate	3.82	43	613012	93.313	ug/l	100
24) 1,1-Dichloroethane	3.70	63	67176	18.955	ug/l	98
25) 2-Butanone	4.67	43	181630	91.480	ug/l	98
26) 2,2-Dichloropropane	4.59	77	47334	17.657	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	38305	18.860	ug/l	95
28) Bromochloromethane	5.01	49	30653	16.668	ug/l	98
29) Tetrahydrofuran	5.13	42	118258	92.883	ug/l	98
30) Chloroform	5.21	83	60031	18.783	ug/l	98
31) Cyclohexane	5.58	56	63277	18.852	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	51393	19.745	ug/l	99
36) 1,1-Dichloropropene	5.80	75	46807	18.680	ug/l	99
37) Ethyl Acetate	4.84	43	67129	19.227	ug/l	99
38) Carbon Tetrachloride	5.78	117	42728	19.733	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	56872	19.134	ug/l	98
40) Benzene	6.14	78	145383	19.559	ug/l	100
41) Methacrylonitrile	5.05	41	38464	18.854	ug/l	99
42) 1,2-Dichloroethane	6.20	62	53063	19.310	ug/l	98
43) Isopropyl Acetate	6.45	43	105593	18.744	ug/l	98
44) Trichloroethene	7.21	130	34422	19.065	ug/l	92
45) 1,2-Dichloropropane	7.51	63	41520	19.404	ug/l	97
46) Dibromomethane	7.66	93	23681	18.802	ug/l	97
47) Bromodichloromethane	7.90	83	46189	19.285	ug/l	97
48) Methyl methacrylate	7.77	41	53828	19.301	ug/l	99
49) 1,4-Dioxane	7.74	88	20372	392.716	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	354590	96.758	ug/l	99
52) Toluene	8.79	92	88883	19.694	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	52750	18.364	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	59132	18.894	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	36077	19.861	ug/l	99
56) Ethyl methacrylate	9.18	69	63991	19.788	ug/l	99
57) 1,3-Dichloropropane	9.37	76	63181	19.368	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	161977	95.518	ug/l	99
59) 2-Hexanone	9.49	43	278661	98.764	ug/l	100
60) Dibromochloromethane	9.58	129	34491	19.303	ug/l	98
61) 1,2-Dibromoethane	9.67	107	36521	19.570	ug/l	100
64) Tetrachloroethene	9.34	164	31526	20.122	ug/l	96
65) Chlorobenzene	10.13	112	92358	19.668	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	33248	20.414	ug/l	100
67) Ethyl Benzene	10.25	91	168670	20.005	ug/l	99
68) m/p-Xylenes	10.36	106	124080	39.834	ug/l	99
69) o-Xylene	10.69	106	60760	20.339	ug/l	98
70) Styrene	10.71	104	106103	20.255	ug/l	99
71) Bromoform	10.85	173	26745	20.089	ug/l #	98
73) Isopropylbenzene	11.02	105	163274	19.793	ug/l	100
74) N-amyl acetate	10.90	43	96135	19.503	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	60226	19.570	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	52049m	19.468	ug/l	
77) Bromobenzene	11.26	156	41589	19.783	ug/l	95
78) n-propylbenzene	11.36	91	188712	19.847	ug/l	100
79) 2-Chlorotoluene	11.42	91	112667	19.394	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	136885	19.697	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	19195	17.763	ug/l	96
82) 4-Chlorotoluene	11.51	91	129562	19.158	ug/l	98
83) tert-Butylbenzene	11.77	119	131309	19.749	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	139501	19.766	ug/l	100
85) sec-Butylbenzene	11.94	105	159055	20.109	ug/l	100
86) p-Isopropyltoluene	12.06	119	144478	20.307	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	72479	19.365	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	73890	19.358	ug/l	99
89) n-Butylbenzene	12.38	91	130015	19.445	ug/l	99
90) Hexachloroethane	12.59	117	23275	19.063	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	72897	19.755	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	13828	19.089	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	52345	19.850	ug/l	97
94) Hexachlorobutadiene	13.78	225	26817	20.275	ug/l	100
95) Naphthalene	13.83	128	168887	20.581	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	53516	20.274	ug/l	99

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

