

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050819\
 Data File : VX009398.D
 Acq On : 08 May 2019 15:10
 Operator : JC/SP
 Sample : VX0508WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/9/2019 9:49:37 AM

Quant Time: May 09 06:54:37 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	5.67	168	169502	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	270798	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	240418	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	117035	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	109978	47.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.06%	
35) Dibromofluoromethane	5.49	113	81760	48.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.06%	
50) Toluene-d8	8.71	98	327033	47.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.16%	
62) 4-Bromofluorobenzene	11.13	95	117334	46.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	29842	19.105	ug/l	99
3) Chloromethane	1.32	50	44340	20.792	ug/l	99
4) Vinyl Chloride	1.40	62	44206	21.258	ug/l	98
5) Bromomethane	1.64	94	24534	19.657	ug/l	96
6) Chloroethane	1.72	64	28797	21.569	ug/l	98
7) Trichlorofluoromethane	1.93	101	54488	21.556	ug/l	96
8) Diethyl Ether	2.19	74	25109	20.971	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	32928	20.744	ug/l	99
10) Methyl Iodide	2.51	142	28180	18.470	ug/l	99
11) Tert butyl alcohol	3.05	59	58484	109.191	ug/l	99
12) 1,1-Dichloroethene	2.37	96	34040	21.403	ug/l	94
13) Acrolein	2.29	56	42626	87.876	ug/l	99
14) Allyl chloride	2.73	41	79394	20.484	ug/l	99
15) Acrylonitrile	3.14	53	138210	105.535	ug/l	99
16) Acetone	2.45	43	136303	109.703	ug/l	99
17) Carbon Disulfide	2.57	76	98338	22.023	ug/l	98
18) Methyl Acetate	2.78	43	57804	19.562	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	128403	20.791	ug/l	99
20) Methylene Chloride	2.85	84	41233	20.496	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	35980	20.860	ug/l	99
22) Diisopropyl ether	3.86	45	155031	20.799	ug/l	95
23) Vinyl Acetate	3.81	43	701551	109.914	ug/l	99
24) 1,1-Dichloroethane	3.70	63	75512	20.536	ug/l	100
25) 2-Butanone	4.67	43	212160	109.884	ug/l	100
26) 2,2-Dichloropropane	4.58	77	56015	20.466	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	42619	20.701	ug/l	100
28) Bromochloromethane	5.01	49	27939	17.070	ug/l	99
29) Tetrahydrofuran	5.13	42	136114	109.554	ug/l	100
30) Chloroform	5.21	83	70376	21.162	ug/l	97
31) Cyclohexane	5.58	56	73372	21.448	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	57776	20.870	ug/l	99
36) 1,1-Dichloropropene	5.80	75	52529	20.873	ug/l	99
37) Ethyl Acetate	4.84	43	79090	22.556	ug/l	98
38) Carbon Tetrachloride	5.79	117	47604	20.820	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	65826	21.299	ug/l	97
40) Benzene	6.14	78	165901	21.301	ug/l	99
41) Methacrylonitrile	5.04	41	42885	20.547	ug/l	99
42) 1,2-Dichloroethane	6.20	62	59450	21.279	ug/l	99
43) Isopropyl Acetate	6.45	43	120594	21.502	ug/l	100
44) Trichloroethene	7.21	130	39494	20.976	ug/l	96
45) 1,2-Dichloropropane	7.51	63	46343	21.014	ug/l	97
46) Dibromomethane	7.66	93	26400	20.614	ug/l	97
47) Bromodichloromethane	7.90	83	53037	20.762	ug/l	99
48) Methyl methacrylate	7.77	41	59688	21.451	ug/l	99
49) 1,4-Dioxane	7.74	88	24456	433.391	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	397801	108.515	ug/l	100
52) Toluene	8.79	92	101295	21.396	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	60035	20.816	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	66813	20.929	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	40990	21.222	ug/l	96
56) Ethyl methacrylate	9.18	69	72368	20.990	ug/l	98
57) 1,3-Dichloropropane	9.37	76	71138	20.930	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	173800	95.023	ug/l	100
59) 2-Hexanone	9.49	43	313291	108.815	ug/l	99
60) Dibromochloromethane	9.58	129	39021	20.685	ug/l	98
61) 1,2-Dibromoethane	9.67	107	41491	21.281	ug/l	99
64) Tetrachloroethene	9.34	164	36701	22.254	ug/l	99
65) Chlorobenzene	10.14	112	102833	21.381	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	36848	21.133	ug/l	100
67) Ethyl Benzene	10.25	91	190334	21.504	ug/l	98
68) m/p-Xylenes	10.36	106	139706	43.192	ug/l	97
69) o-Xylene	10.69	106	68823	21.566	ug/l	98
70) Styrene	10.71	104	120398	21.706	ug/l	100
71) Bromoform	10.85	173	29874	21.083	ug/l #	98
73) Isopropylbenzene	11.02	105	182528	21.447	ug/l	99
74) N-amyl acetate	10.90	43	105881	21.339	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	66695	21.022	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	58460m	21.534	ug/l	
77) Bromobenzene	11.26	156	45215	21.405	ug/l	98
78) n-propylbenzene	11.36	91	207034	21.301	ug/l	100
79) 2-Chlorotoluene	11.42	91	125396	20.912	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	155151	21.651	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	21364	20.135	ug/l	94
82) 4-Chlorotoluene	11.51	91	141787	20.930	ug/l	99
83) tert-Butylbenzene	11.77	119	147897	21.216	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	154656	21.501	ug/l	100
85) sec-Butylbenzene	11.94	105	174570	21.122	ug/l	100
86) p-Isopropyltoluene	12.06	119	158750	21.366	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	79608	21.140	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	79222	20.867	ug/l	98
89) n-Butylbenzene	12.38	91	139355	20.751	ug/l	100
90) Hexachloroethane	12.60	117	26008	20.547	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	81012	21.121	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16003	22.485	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	55671	21.225	ug/l	98
94) Hexachlorobutadiene	13.78	225	28114	20.990	ug/l	100
95) Naphthalene	13.83	128	188999	22.148	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	57867	21.765	ug/l	99

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

