

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010719\
 Data File : VX006928.D
 Acq On : 07 Jan 2019 11:55
 Operator : JC/MD
 Sample : VX0107WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0107WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/8/2019 9:33:32 AM

Quant Time: Jan 08 06:48:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	519899	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	768147	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	687802	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	352147	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	278123	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
35) Dibromofluoromethane	5.51	113	257223	52.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.90%	
50) Toluene-d8	8.71	98	916821	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
62) 4-Bromofluorobenzene	11.13	95	324634	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	75820	15.941	ug/l	97
3) Chloromethane	1.33	50	81635	15.932	ug/l	100
4) Vinyl Chloride	1.41	62	91424	17.083	ug/l	100
5) Bromomethane	1.64	94	92639	17.296	ug/l	94
6) Chloroethane	1.71	64	61766	16.669	ug/l	96
7) Trichlorofluoromethane	1.93	101	154353	18.500	ug/l	99
8) Diethyl Ether	2.19	74	62973	19.002	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	93451	19.076	ug/l	99
10) Methyl Iodide	2.51	142	126002	17.968	ug/l	99
11) Tert butyl alcohol	3.08	59	134163	107.288	ug/l	99
12) 1,1-Dichloroethene	2.37	96	82854	17.837	ug/l	99
13) Acrolein	2.29	56	71803	85.116	ug/l	99
14) Allyl chloride	2.73	41	150016	19.186	ug/l	99
15) Acrylonitrile	3.15	53	291579	105.017	ug/l	99
16) Acetone	2.45	43	267172	103.784	ug/l	99
17) Carbon Disulfide	2.57	76	169613	13.798	ug/l	98
18) Methyl Acetate	2.78	43	177908	23.503	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	331433	21.497	ug/l	99
20) Methylene Chloride	2.85	84	102297	19.217	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	90841	17.650	ug/l	95
22) Diisopropyl ether	3.87	45	304870	21.313	ug/l	95
23) Vinyl Acetate	3.82	43	1199316	102.502	ug/l	99
24) 1,1-Dichloroethane	3.70	63	169769	19.882	ug/l	97
25) 2-Butanone	4.70	43	374964	103.550	ug/l	100
26) 2,2-Dichloropropane	4.59	77	127526	19.334	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	110521	19.463	ug/l	98
28) Bromochloromethane	5.01	49	78441	20.706	ug/l	97
29) Tetrahydrofuran	5.15	42	244656	102.583	ug/l	98
30) Chloroform	5.21	83	177416	20.064	ug/l	98
31) Cyclohexane	5.57	56	132321	17.057	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	147333	19.733	ug/l	99
36) 1,1-Dichloropropene	5.80	75	120287	18.907	ug/l	98
37) Ethyl Acetate	4.85	43	141194	21.323	ug/l	98
38) Carbon Tetrachloride	5.78	117	121115	19.589	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	140031	16.719	ug/l	92
40) Benzene	6.14	78	381091	19.706	ug/l	99
41) Methacrylonitrile	5.06	41	80042	22.768	ug/l	98
42) 1,2-Dichloroethane	6.20	62	132656	20.131	ug/l	100
43) Isopropyl Acetate	6.46	43	224122	22.245	ug/l	99
44) Trichloroethene	7.21	130	111503	19.050	ug/l	93
45) 1,2-Dichloropropane	7.52	63	98836	21.002	ug/l	98
46) Dibromomethane	7.66	93	69773	20.157	ug/l	100
47) Bromodichloromethane	7.90	83	119565	20.805	ug/l	100
48) Methyl methacrylate	7.77	41	110624	21.591	ug/l	98
49) 1,4-Dioxane	7.75	88	54002	390.723	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	725584	113.186	ug/l	99
52) Toluene	8.79	92	248955	19.927	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	127820	20.738	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	144962	21.435	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	107187	20.960	ug/l	92
56) Ethyl methacrylate	9.18	69	153721	21.268	ug/l	96
57) 1,3-Dichloropropane	9.37	76	169933	20.654	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	387347	100.819	ug/l	99
59) 2-Hexanone	9.49	43	540230	110.142	ug/l	100
60) Dibromochloromethane	9.58	129	105748	21.177	ug/l	96
61) 1,2-Dibromoethane	9.67	107	113738	20.923	ug/l	98
64) Tetrachloroethene	9.34	164	109073	20.027	ug/l	97
65) Chlorobenzene	10.14	112	293145	20.146	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	103967	22.901	ug/l	98
67) Ethyl Benzene	10.25	91	464582	19.539	ug/l	100
68) m/p-Xylenes	10.36	106	368166	39.240	ug/l	99
69) o-Xylene	10.70	106	182648	19.714	ug/l	97
70) Styrene	10.71	104	291172	19.865	ug/l	99
71) Bromoform	10.86	173	74705	21.076	ug/l	100
73) Isopropylbenzene	11.02	105	482724	20.037	ug/l	100
74) N-amyl acetate	10.90	43	192305	22.301	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	157420	21.972	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	146537m	22.391	ug/l	
77) Bromobenzene	11.26	156	131823	20.240	ug/l	99
78) n-propylbenzene	11.36	91	532088	20.057	ug/l	99
79) 2-Chlorotoluene	11.42	91	315598	19.631	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	403216	20.320	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	38705	20.707	ug/l	96
82) 4-Chlorotoluene	11.51	91	362437	19.654	ug/l	99
83) tert-Butylbenzene	11.77	119	409988	20.644	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	409889	19.639	ug/l	100
85) sec-Butylbenzene	11.94	105	478911	19.669	ug/l	100
86) p-Isopropyltoluene	12.07	119	431978	20.182	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	230952	19.675	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	230684	19.170	ug/l	98
89) n-Butylbenzene	12.39	91	355408	19.511	ug/l	99
90) Hexachloroethane	12.60	117	61013	20.307	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	232096	19.766	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	30732	20.730	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	159064	19.638	ug/l	100
94) Hexachlorobutadiene	13.78	225	72500	18.990	ug/l	97
95) Naphthalene	13.83	128	493060	19.073	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	160789	19.226	ug/l	98

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

