

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060418\
 Data File : VX002277.D
 Acq On : 04 Jun 2018 23:39
 Operator : JC/MD
 Sample : VX0604WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0604WBS02

Manual Integrations
 APPROVED

MMDadoda
 6/5/2018 5:56:09 PM

Quant Time: Jun 05 08:23:21 2018
 Quant Method : Y:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	261758	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	389446	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	373893	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	225254	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	191773	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	
35) Dibromofluoromethane	5.51	113	142954	46.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.36%	
50) Toluene-d8	8.72	98	559648	47.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.34%	
62) 4-Bromofluorobenzene	11.14	95	204973	45.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	58252	21.408	ug/l	99
3) Chloromethane	1.32	50	71335	21.227	ug/l	97
4) Vinyl Chloride	1.41	62	73737	21.502	ug/l	98
5) Bromomethane	1.64	94	48478	23.190	ug/l	97
6) Chloroethane	1.73	64	46270	20.858	ug/l	99
7) Trichlorofluoromethane	1.93	101	118375	22.655	ug/l	97
8) Diethyl Ether	2.19	74	42676	21.624	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	64108	22.736	ug/l	99
10) Methyl Iodide	2.51	142	75264	18.977	ug/l	98
11) Tert butyl alcohol	3.07	59	94262	111.945	ug/l	99
12) 1,1-Dichloroethene	2.38	96	58989	21.169	ug/l	96
13) Acrolein	2.30	56	43610	111.950	ug/l	99
14) Allyl chloride	2.73	41	119106	19.696	ug/l	99
15) Acrylonitrile	3.15	53	186836	111.930	ug/l	99
16) Acetone	2.45	43	174387	96.560	ug/l	99
17) Carbon Disulfide	2.57	76	137350	18.701	ug/l	100
18) Methyl Acetate	2.78	43	89155	22.279	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	225039	21.845	ug/l	100
20) Methylene Chloride	2.86	84	69326	21.869	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	63819	20.768	ug/l	98
22) Diisopropyl ether	3.88	45	212985	20.196	ug/l	98
23) Vinyl Acetate	3.83	43	910771	92.904	ug/l	100
24) 1,1-Dichloroethane	3.70	63	110624	18.508	ug/l	99
25) 2-Butanone	4.71	43	248880	96.971	ug/l	100
26) 2,2-Dichloropropane	4.59	77	76014	16.270	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	66066	19.769	ug/l	99
28) Bromochloromethane	5.03	49	58048	20.753	ug/l	100
29) Tetrahydrofuran	5.17	42	162119	97.972	ug/l	99
30) Chloroform	5.22	83	115149	19.965	ug/l	98
31) Cyclohexane	5.58	56	99483	21.049	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	98740	20.187	ug/l	99
36) 1,1-Dichloropropene	5.80	75	80415	19.641	ug/l	99
37) Ethyl Acetate	4.87	43	98076	19.919	ug/l	100
38) Carbon Tetrachloride	5.79	117	83357	19.462	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	97588	19.454	ug/l	95
40) Benzene	6.15	78	250789	19.978	ug/l	100
41) Methacrylonitrile	5.06	41	54487	19.331	ug/l	98
42) 1,2-Dichloroethane	6.20	62	99630	19.976	ug/l	100
43) Isopropyl Acetate	6.47	43	160850	19.234	ug/l	100
44) Trichloroethene	7.22	130	70900	20.350	ug/l	94
45) 1,2-Dichloropropane	7.52	63	66774	19.703	ug/l	99
46) Dibromomethane	7.67	93	45041	19.605	ug/l	99
47) Bromodichloromethane	7.90	83	79264	19.076	ug/l	99
48) Methyl methacrylate	7.78	41	81721	19.454	ug/l	99
49) 1,4-Dioxane	7.76	88	32113	408.848	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	517509	99.368	ug/l	100
52) Toluene	8.79	92	161892	20.277	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	92976	18.659	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	83857	17.838	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	65045	19.808	ug/l	99
56) Ethyl methacrylate	9.18	69	100403	19.151	ug/l	100
57) 1,3-Dichloropropane	9.38	76	110406	20.041	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	243559	100.373	ug/l	99
59) 2-Hexanone	9.50	43	395383	98.288	ug/l	99
60) Dibromochloromethane	9.59	129	60873	18.429	ug/l	97
61) 1,2-Dibromoethane	9.68	107	68466	19.996	ug/l	99
64) Tetrachloroethene	9.34	164	80181	20.794	ug/l	98
65) Chlorobenzene	10.14	112	184918	19.876	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	64211	19.061	ug/l	99
67) Ethyl Benzene	10.26	91	316970	20.358	ug/l	99
68) m/p-Xylenes	10.37	106	244263	40.359	ug/l	99
69) o-Xylene	10.70	106	121208	20.124	ug/l	98
70) Styrene	10.72	104	194823	19.787	ug/l	98
71) Bromoform	10.86	173	45072	17.364	ug/l #	99
73) Isopropylbenzene	11.02	105	323551	20.648	ug/l	99
74) N-amyl acetate	6.47	43	160850	19.050	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	94603	19.196	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	94412m	19.101	ug/l	
77) Bromobenzene	11.26	156	87823	19.964	ug/l	98
78) n-propylbenzene	11.37	91	363891	20.893	ug/l	100
79) 2-Chlorotoluene	11.43	91	220085	20.013	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	273027	20.314	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	22034	15.627	ug/l	90
82) 4-Chlorotoluene	11.51	91	255696	20.144	ug/l	99
83) tert-Butylbenzene	11.77	119	267188	20.415	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	279269	20.185	ug/l	99
85) sec-Butylbenzene	11.95	105	325645	21.224	ug/l	99
86) p-Isopropyltoluene	12.07	119	287170	20.548	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	156012	19.834	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	156913	19.354	ug/l	100
89) n-Butylbenzene	12.39	91	237869	20.294	ug/l	100
90) Hexachloroethane	12.60	117	39774	17.828	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	161216	19.810	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20479	19.002	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	112575	19.728	ug/l	99
94) Hexachlorobutadiene	13.79	225	57818	20.504	ug/l	99
95) Naphthalene	13.84	128	331028	20.190	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	116703	20.053	ug/l	100

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

