

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061418\
 Data File : VX002549.D
 Acq On : 14 Jun 2018 14:00
 Operator : JC/MD
 Sample : VX0614WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0614WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/15/2018 1:11:49 PM

Quant Time: Jun 15 01:49:57 2018
 Quant Method : Z:\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	277345	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	400662	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	377752	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	230270	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	207959	52.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.24%	
35) Dibromofluoromethane	5.51	113	166411	52.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.62%	
50) Toluene-d8	8.72	98	645524	53.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.90%	
62) 4-Bromofluorobenzene	11.14	95	240551	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.20	85	49848	17.290	ug/l	96
3) Chloromethane	1.32	50	55612	14.814	ug/l	100
4) Vinyl Chloride	1.40	62	63222	17.399	ug/l	97
5) Bromomethane	1.64	94	36335	15.358	ug/l	99
6) Chloroethane	1.73	64	42950	18.273	ug/l	97
7) Trichlorofluoromethane	1.93	101	111634	20.164	ug/l	99
8) Diethyl Ether	2.19	74	41557	19.670	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	65880	22.051	ug/l	99
10) Methyl Iodide	2.51	142	68971	16.413	ug/l	100
11) Tert butyl alcohol	3.07	59	86102	93.543	ug/l	98
12) 1,1-Dichloroethene	2.37	96	55860	18.919	ug/l	97
13) Acrolein	2.29	56	15268	30.194	ug/l	100
14) Allyl chloride	2.73	41	112304	17.527	ug/l	99
15) Acrylonitrile	3.15	53	178968	100.224	ug/l	99
16) Acetone	2.45	43	185580	97.073	ug/l	98
17) Carbon Disulfide	2.57	76	113148	14.540	ug/l	99
18) Methyl Acetate	2.78	43	85901	20.001	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	222873	20.255	ug/l	100
20) Methylene Chloride	2.86	84	64673	18.905	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	59984	18.423	ug/l	94
22) Diisopropyl ether	3.87	45	229430	20.558	ug/l	98
23) Vinyl Acetate	3.82	43	982886	94.625	ug/l	100
24) 1,1-Dichloroethane	3.70	63	121125	19.126	ug/l	99
25) 2-Butanone	4.70	43	248798	91.491	ug/l	99
26) 2,2-Dichloropropane	4.59	77	90930	18.369	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	65879	18.605	ug/l	95
28) Bromochloromethane	5.02	49	70995	24.547	ug/l	100
29) Tetrahydrofuran	5.17	42	155273	88.562	ug/l	98
30) Chloroform	5.21	83	114089	18.670	ug/l	100
31) Cyclohexane	5.57	56	95510	19.073	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	97769	18.865	ug/l	99
36) 1,1-Dichloropropene	5.80	75	80914	19.210	ug/l	99
37) Ethyl Acetate	4.86	43	95813	18.915	ug/l	99
38) Carbon Tetrachloride	5.79	117	82678	18.763	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	100624	19.498	ug/l	98
40) Benzene	6.15	78	243522	18.856	ug/l	99
41) Methacrylonitrile	5.06	41	54026	18.631	ug/l	98
42) 1,2-Dichloroethane	6.20	62	95677	18.646	ug/l	100
43) Isopropyl Acetate	6.46	43	157100	18.259	ug/l	99
44) Trichloroethene	7.21	130	69487	19.386	ug/l	95
45) 1,2-Dichloropropane	7.52	63	66033	18.939	ug/l	97
46) Dibromomethane	7.66	93	44017	18.623	ug/l	99
47) Bromodichloromethane	7.90	83	77702	18.177	ug/l	96
48) Methyl methacrylate	7.78	41	80289	18.578	ug/l	99
49) 1,4-Dioxane	7.76	88	31907	394.853	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	507604	94.738	ug/l	99
52) Toluene	8.79	92	157056	19.120	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	94052	18.347	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	86700	17.926	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	65284	19.324	ug/l	98
56) Ethyl methacrylate	9.18	69	101581	18.833	ug/l	98
57) 1,3-Dichloropropane	9.37	76	108409	19.127	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	212888	85.277	ug/l	100
59) 2-Hexanone	9.50	43	393131	94.992	ug/l	98
60) Dibromochloromethane	9.59	129	61964	18.235	ug/l	97
61) 1,2-Dibromoethane	9.68	107	67193	19.075	ug/l	99
64) Tetrachloroethene	9.34	164	76904	19.740	ug/l	96
65) Chlorobenzene	10.14	112	182012	19.364	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	64963	19.087	ug/l	99
67) Ethyl Benzene	10.26	91	312811	19.886	ug/l	100
68) m/p-Xylenes	10.36	106	239197	39.118	ug/l	100
69) o-Xylene	10.70	106	118132	19.413	ug/l	99
70) Styrene	10.71	104	196097	19.713	ug/l	100
71) Bromoform	10.86	173	45717	17.419	ug/l #	98
73) Isopropylbenzene	11.02	105	323981	20.225	ug/l	100
74) N-amyl acetate	6.46	43	157100	18.201	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	95375	18.931	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	96056m	19.011	ug/l	
77) Bromobenzene	11.26	156	87904	19.547	ug/l	98
78) n-propylbenzene	11.37	91	373741	20.992	ug/l	100
79) 2-Chlorotoluene	11.43	91	217327	19.331	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	273153	19.881	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	23557	16.343	ug/l	91
82) 4-Chlorotoluene	11.51	91	257500	19.844	ug/l	99
83) tert-Butylbenzene	11.77	119	271726	20.309	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	279679	19.775	ug/l	100
85) sec-Butylbenzene	11.95	105	337636	21.526	ug/l	100
86) p-Isopropyltoluene	12.07	119	304012	21.279	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	162664	20.230	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	164893	19.895	ug/l	99
89) n-Butylbenzene	12.39	91	269886	22.524	ug/l	100
90) Hexachloroethane	12.60	117	40278	17.661	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	162410	19.522	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20141	18.281	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	125876	21.578	ug/l	100
94) Hexachlorobutadiene	13.79	225	66599	23.103	ug/l	99
95) Naphthalene	13.84	128	339141	20.234	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	125447	21.086	ug/l	99

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

