

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061218\
 Data File : VX002484.D
 Acq On : 12 Jun 2018 23:58
 Operator : JC/MD
 Sample : VX0612WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0612WBS02

Manual Integrations
 APPROVED

MMDadoda
 6/13/2018 1:59:40 PM

Quant Time: Jun 13 03:39:01 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	202408	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	299326	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	286234	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	174119	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	137896	47.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.94%	
35) Dibromofluoromethane	5.51	113	103623	44.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.04%	
50) Toluene-d8	8.72	98	396294	43.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.84%	
62) 4-Bromofluorobenzene	11.14	95	145449	41.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.62%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.20	85	39896	18.961	ug/l	100
3) Chloromethane	1.32	50	46785	17.542	ug/l	99
4) Vinyl Chloride	1.40	62	53530	20.186	ug/l	98
5) Bromomethane	1.64	94	31057	18.599	ug/l	98
6) Chloroethane	1.73	64	37175	21.672	ug/l	99
7) Trichlorofluoromethane	1.93	101	92017	22.774	ug/l	99
8) Diethyl Ether	2.19	74	32757	21.446	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	51140	23.455	ug/l	99
10) Methyl Iodide	2.51	142	47146	15.373	ug/l	98
11) Tert butyl alcohol	3.07	59	72528	111.283	ug/l	99
12) 1,1-Dichloroethene	2.37	96	45604	21.164	ug/l	97
13) Acrolein	2.29	56	23930	76.495	ug/l	97
14) Allyl chloride	2.73	41	90418	19.336	ug/l	99
15) Acrylonitrile	3.15	53	148843	115.620	ug/l	99
16) Acetone	2.45	43	143366	103.971	ug/l	99
17) Carbon Disulfide	2.57	76	96343	16.964	ug/l	98
18) Methyl Acetate	2.78	43	72220	23.474	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	177472	22.329	ug/l	100
20) Methylene Chloride	2.86	84	53018	21.596	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	48988	20.616	ug/l	95
22) Diisopropyl ether	3.88	45	158180	19.336	ug/l	97
23) Vinyl Acetate	3.83	43	668212	88.147	ug/l	99
24) 1,1-Dichloroethane	3.70	63	97858	21.173	ug/l	98
25) 2-Butanone	4.71	43	184868	93.151	ug/l	97
26) 2,2-Dichloropropane	4.59	77	50088	13.864	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	47851	18.517	ug/l	97
28) Bromochloromethane	5.03	49	41611	18.959	ug/l	99
29) Tetrahydrofuran	5.17	42	120561	94.221	ug/l	100
30) Chloroform	5.22	83	86577	19.413	ug/l	97
31) Cyclohexane	5.58	56	69348	18.975	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	72439	19.152	ug/l	99
36) 1,1-Dichloropropene	5.81	75	60151	19.115	ug/l	99
37) Ethyl Acetate	4.87	43	71939	19.010	ug/l	99
38) Carbon Tetrachloride	5.79	117	63464	19.278	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	69568	18.063	ug/l	94
40) Benzene	6.15	78	182495	18.914	ug/l	100
41) Methacrylonitrile	5.07	41	40281	18.594	ug/l	98
42) 1,2-Dichloroethane	6.20	62	74555	19.449	ug/l	99
43) Isopropyl Acetate	6.47	43	116962	18.196	ug/l	100
44) Trichloroethene	7.22	130	51245	19.137	ug/l	97
45) 1,2-Dichloropropane	7.52	63	49368	18.953	ug/l	99
46) Dibromomethane	7.67	93	33821	19.154	ug/l	96
47) Bromodichloromethane	7.90	83	58633	18.360	ug/l	98
48) Methyl methacrylate	7.78	41	59407	18.400	ug/l	97
49) 1,4-Dioxane	7.76	88	24136	399.805	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	389466	97.297	ug/l	100
52) Toluene	8.79	92	117490	19.146	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	65017	16.977	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	59593	16.493	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	49563	19.637	ug/l	97
56) Ethyl methacrylate	9.18	69	73197	18.165	ug/l	98
57) 1,3-Dichloropropane	9.38	76	81540	19.257	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	182829	98.031	ug/l	100
59) 2-Hexanone	9.50	43	300088	97.059	ug/l	100
60) Dibromochloromethane	9.59	129	45379	17.875	ug/l	100
61) 1,2-Dibromoethane	9.68	107	50498	19.189	ug/l	99
64) Tetrachloroethene	9.34	164	56411	19.109	ug/l	96
65) Chlorobenzene	10.14	112	137716	19.336	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	47777	18.526	ug/l	99
67) Ethyl Benzene	10.26	91	231522	19.424	ug/l	98
68) m/p-Xylenes	10.36	106	177769	38.367	ug/l	100
69) o-Xylene	10.70	106	86711	18.806	ug/l	98
70) Styrene	10.71	104	142021	18.841	ug/l	98
71) Bromoform	10.86	173	33131	16.810	ug/l #	99
73) Isopropylbenzene	11.02	105	238930	19.726	ug/l	99
74) N-amyl acetate	6.47	43	116962	17.921	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	74772	19.627	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	72387m	18.946	ug/l	
77) Bromobenzene	11.26	156	64471	18.959	ug/l	100
78) n-propylbenzene	11.37	91	271207	20.145	ug/l	100
79) 2-Chlorotoluene	11.43	91	161170	18.959	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	198601	19.116	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	14787	13.567	ug/l #	81
82) 4-Chlorotoluene	11.51	91	187588	19.118	ug/l	99
83) tert-Butylbenzene	11.77	119	195952	19.369	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	205726	19.237	ug/l	99
85) sec-Butylbenzene	11.95	105	244967	20.654	ug/l	99
86) p-Isopropyltoluene	12.07	119	213106	19.726	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	117555	19.334	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	118823	18.960	ug/l	100
89) n-Butylbenzene	12.39	91	183628	20.267	ug/l	100
90) Hexachloroethane	12.60	117	29746	17.249	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	121870	19.373	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	14971	17.971	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	82426	18.686	ug/l	98
94) Hexachlorobutadiene	13.79	225	45190	20.732	ug/l	98
95) Naphthalene	13.84	128	241893	19.086	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	86282	19.180	ug/l	99

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

