

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032918\
 Data File : VX000533.D
 Acq On : 30 Mar 2018 00:55
 Operator : JC/MD
 Sample : VX0329WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBS02

Manual Integrations
 APPROVED

sam
 3/30/2018 4:10:40 PM

Quant Time: Mar 30 08:06:17 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	115312	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	194427	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	199929	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	116136	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	80341	53.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.74%	
35) Dibromofluoromethane	5.51	113	63031	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	
50) Toluene-d8	8.73	98	244440	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	
62) 4-Bromofluorobenzene	11.15	95	95098	45.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	22727	17.88	ug/l	97
3) Chloromethane	1.32	50	23188	17.32	ug/l	97
4) Vinyl Chloride	1.40	62	29919	21.15	ug/l	98
5) Bromomethane	1.64	94	33365	19.73	ug/l	95
6) Chloroethane	1.73	64	22493	28.09	ug/l	95
7) Trichlorofluoromethane	1.93	101	56895	22.28	ug/l	97
8) Diethyl Ether	2.20	74	20130	22.06	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.39	101	30469	21.40	ug/l	97
10) Methyl Iodide	2.51	142	19831	17.13	ug/l	97
11) Tert butyl alcohol	3.08	59	68176	131.67	ug/l	99
12) 1,1-Dichloroethene	2.38	96	28029	22.43	ug/l	97
13) Acrolein	2.29	56	17046	111.68	ug/l	99
14) Allyl chloride	2.73	41	52144	23.57	ug/l	98
15) Acrylonitrile	3.15	53	124157	118.40	ug/l	99
16) Acetone	2.45	43	121269	96.85	ug/l	97
17) Carbon Disulfide	2.57	76	65994	19.86	ug/l	100
18) Methyl Acetate	2.78	43	65863	25.09	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	106692	23.08	ug/l	96
20) Methylene Chloride	2.86	84	31123	21.52	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	29617	21.24	ug/l	96
22) Diisopropyl ether	3.89	45	71211	18.23	ug/l	91
23) Vinyl Acetate	3.84	43	322504	87.07	ug/l	99
24) 1,1-Dichloroethane	3.70	63	42937	17.48	ug/l	97
25) 2-Butanone	4.72	43	143194	101.74	ug/l	98
26) 2,2-Dichloropropane	4.59	77	27486	15.96	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	27247	20.91	ug/l	92
28) Bromochloromethane	5.03	49	19790	19.54	ug/l	100
29) Tetrahydrofuran	5.18	42	93493	107.97	ug/l	99
30) Chloroform	5.23	83	49098	21.33	ug/l	94
31) Cyclohexane	5.59	56	36950	19.46	ug/l	96
32) 1,1,1-Trichloroethane	5.51	97	41638	20.05	ug/l	98
36) 1,1-Dichloropropene	5.81	75	35467	19.47	ug/l	100
37) Ethyl Acetate	4.88	43	49781	20.01	ug/l	99
38) Carbon Tetrachloride	5.79	117	36038	18.86	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	40706	18.38	ug/l	93
40) Benzene	6.15	78	105848	20.01	ug/l	98
41) Methacrylonitrile	5.07	41	25262	19.26	ug/l	96
42) 1,2-Dichloroethane	6.21	62	41740	20.11	ug/l	100
43) Isopropyl Acetate	6.48	43	73498	19.85	ug/l	98
44) Trichloroethene	7.22	130	30170	19.91	ug/l	94
45) 1,2-Dichloropropane	7.52	63	28695	21.20	ug/l	98
46) Dibromomethane	7.67	93	21530	20.26	ug/l	97
47) Bromodichloromethane	7.91	83	38258	20.46	ug/l	98
48) Methyl methacrylate	7.79	41	36648	20.38	ug/l	98
49) 1,4-Dioxane	7.76	88	16667	441.05	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	300672	104.90	ug/l	98
52) Toluene	8.79	92	73870	19.98	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	41226	19.03	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	41067	19.54	ug/l	97
55) 1,1,2-Trichloroethane	9.23	97	31049	20.42	ug/l	94
56) Ethyl methacrylate	9.19	69	45827	19.89	ug/l	99
57) 1,3-Dichloropropane	9.38	76	50427	20.74	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	97967	88.59	ug/l	97
59) 2-Hexanone	9.51	43	250152	102.78	ug/l	98
60) Dibromochloromethane	9.59	129	31675	20.27	ug/l	99
61) 1,2-Dibromoethane	9.68	107	33671	20.65	ug/l	100
64) Tetrachloroethene	9.34	164	31789	20.49	ug/l	94
65) Chlorobenzene	10.15	112	86137	19.36	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	29283	19.38	ug/l	99
67) Ethyl Benzene	10.26	91	144818	19.20	ug/l	100
68) m/p-Xylenes	10.37	106	114534	38.59	ug/l	96
69) o-Xylene	10.71	106	54445	18.95	ug/l	99
70) Styrene	10.72	104	94915	19.96	ug/l	97
71) Bromoform	10.87	173	23532	18.29	ug/l #	98
73) Isopropylbenzene	11.02	105	151739	19.72	ug/l	99
74) N-amyl acetate	6.48	43	73498	19.93	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	54808	20.14	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	50209m	20.12	ug/l	
77) Bromobenzene	11.26	156	38616	18.84	ug/l	100
78) n-propylbenzene	11.37	91	181364	19.77	ug/l	99
79) 2-Chlorotoluene	11.43	91	102764	19.39	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	130405	20.16	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	13030	16.90	ug/l	90
82) 4-Chlorotoluene	11.52	91	123603	19.53	ug/l	98
83) tert-Butylbenzene	11.78	119	125125	19.18	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	133751	19.72	ug/l	100
85) sec-Butylbenzene	11.96	105	158620	19.65	ug/l	99
86) p-Isopropyltoluene	12.07	119	143198	19.97	ug/l	98
87) 1,3-Dichlorobenzene	12.04	146	75910	19.59	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	79546	19.55	ug/l	100
89) n-Butylbenzene	12.40	91	132684	19.87	ug/l	100
90) Hexachloroethane	12.60	117	22248	19.71	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	75773	19.94	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.01	75	14775	19.47	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	52929	19.43	ug/l	98
94) Hexachlorobutadiene	13.79	225	22210	19.69	ug/l	96
95) Naphthalene	13.84	128	194709	20.52	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	56080	20.83	ug/l	99

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

