

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031218\
 Data File : VX000275.D
 Acq On : 12 Mar 2018 13:23
 Operator : JC/MD
 Sample : VX0312WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0312WBS01

Manual Integrations
 APPROVED

apatel
 3/13/2018 10:58:38 AM

Quant Time: Mar 13 04:56:12 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 08 02:15:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	130134	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	221507	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	225994	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	127675	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	91375	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	
35) Dibromofluoromethane	5.52	113	69717	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
50) Toluene-d8	8.73	98	279012	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	
62) 4-Bromofluorobenzene	11.15	95	106884	47.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	25691	18.12	ug/l	96
3) Chloromethane	1.32	50	28014	20.24	ug/l	98
4) Vinyl Chloride	1.41	62	32196	19.96	ug/l	96
5) Bromomethane	1.64	94	30904	17.72	ug/l	97
6) Chloroethane	1.73	64	22497	22.10	ug/l	98
7) Trichlorofluoromethane	1.93	101	58041	21.69	ug/l	99
8) Diethyl Ether	2.20	74	20870	21.24	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	31765	21.25	ug/l	100
10) Methyl Iodide	2.52	142	28052	19.90	ug/l	97
11) Tert butyl alcohol	3.08	59	64180	96.82	ug/l	98
12) 1,1-Dichloroethene	2.38	96	29603	21.57	ug/l	99
13) Acrolein	2.30	56	39825	114.28	ug/l	94
14) Allyl chloride	2.73	41	54603	21.54	ug/l	98
15) Acrylonitrile	3.16	53	121241	105.10	ug/l	98
16) Acetone	2.45	43	136967	105.72	ug/l	98
17) Carbon Disulfide	2.57	76	71857	19.11	ug/l	99
18) Methyl Acetate	2.79	43	59502	21.57	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	108616	22.22	ug/l	99
20) Methylene Chloride	2.86	84	32207	20.85	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	32010	21.21	ug/l	98
22) Diisopropyl ether	3.89	45	81666	18.76	ug/l	96
23) Vinyl Acetate	3.84	43	380653	90.71	ug/l	99
24) 1,1-Dichloroethane	3.70	63	54936	20.58	ug/l	98
25) 2-Butanone	4.73	43	159394	99.70	ug/l	98
26) 2,2-Dichloropropane	4.60	77	39490	20.24	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	30504	21.31	ug/l	93
28) Bromochloromethane	5.03	49	24516	21.61	ug/l	98
29) Tetrahydrofuran	5.18	42	98152	97.75	ug/l	98
30) Chloroform	5.23	83	51123	19.81	ug/l	96
31) Cyclohexane	5.59	56	39347	19.93	ug/l	95
32) 1,1,1-Trichloroethane	5.51	97	45211	20.21	ug/l	98
36) 1,1-Dichloropropene	5.81	75	37400	18.98	ug/l	99
37) Ethyl Acetate	4.88	43	53376	18.74	ug/l	99
38) Carbon Tetrachloride	5.80	117	38480	19.29	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	44190	18.27	ug/l	94
40) Benzene	6.15	78	112624	19.81	ug/l	99
41) Methacrylonitrile	5.07	41	28072	19.33	ug/l	98
42) 1,2-Dichloroethane	6.21	62	46327	20.78	ug/l	99
43) Isopropyl Acetate	6.48	43	80342	19.51	ug/l	100
44) Trichloroethene	7.23	130	31309	19.24	ug/l	94
45) 1,2-Dichloropropane	7.52	63	29699	20.63	ug/l	98
46) Dibromomethane	7.67	93	22855	20.07	ug/l	100
47) Bromodichloromethane	7.91	83	39394	19.66	ug/l	95
48) Methyl methacrylate	7.79	41	39210	19.33	ug/l	98
49) 1,4-Dioxane	7.77	88	17400	377.87	ug/l	98
51) 4-Methyl-2-Pentanone	8.67	43	308396	99.22	ug/l	99
52) Toluene	8.79	92	76316	19.59	ug/l	96
53) t-1,3-Dichloropropene	8.45	75	47130	19.96	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	45277	19.82	ug/l	96
55) 1,1,2-Trichloroethane	9.23	97	32593	20.65	ug/l	100
56) Ethyl methacrylate	9.19	69	49076	20.78	ug/l	100
57) 1,3-Dichloropropane	9.38	76	53415	20.16	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	123437	103.53	ug/l	99
59) 2-Hexanone	9.51	43	260309	98.21	ug/l	98
60) Dibromochloromethane	9.59	129	31738	19.08	ug/l	99
61) 1,2-Dibromoethane	9.68	107	35079	20.02	ug/l	99
64) Tetrachloroethene	9.34	164	30331	19.18	ug/l	95
65) Chlorobenzene	10.15	112	92129	20.19	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	31528	20.21	ug/l	98
67) Ethyl Benzene	10.26	91	153948	19.33	ug/l	99
68) m/p-Xylenes	10.37	106	119825	39.09	ug/l	100
69) o-Xylene	10.71	106	57186	19.41	ug/l	97
70) Styrene	10.72	104	96071	19.66	ug/l	99
71) Bromoform	10.87	173	24336	17.45	ug/l #	99
73) Isopropylbenzene	11.02	105	157719	19.73	ug/l	100
74) N-amyl acetate	6.48	43	80342	19.64	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	57449	20.50	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	51572m	20.15	ug/l	
77) Bromobenzene	11.26	156	40472	19.58	ug/l	98
78) n-propylbenzene	11.37	91	186819	19.86	ug/l	99
79) 2-Chlorotoluene	11.43	91	108470	20.44	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	135385	20.29	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.09	75	15087	18.05	ug/l	92
82) 4-Chlorotoluene	11.52	91	131190	20.33	ug/l	99
83) tert-Butylbenzene	11.78	119	131148	20.19	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	141452	20.61	ug/l	97
85) sec-Butylbenzene	11.96	105	168374	20.50	ug/l	98
86) p-Isopropyltoluene	12.07	119	150407	20.76	ug/l	98
87) 1,3-Dichlorobenzene	12.04	146	78110	19.88	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	81812	19.87	ug/l	99
89) n-Butylbenzene	12.40	91	142483	20.42	ug/l	99
90) Hexachloroethane	12.60	117	22001	18.85	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	80534	20.70	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.01	75	15208	19.32	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	56880	20.10	ug/l	99
94) Hexachlorobutadiene	13.79	225	22301	18.93	ug/l	97
95) Naphthalene	13.84	128	201450	20.40	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	55629	19.87	ug/l	100

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

