

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031318\
 Data File : VX000292.D
 Acq On : 13 Mar 2018 11:33
 Operator : JC/MD
 Sample : VX0313WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBS01

Manual Integrations
 APPROVED

sam
 3/14/2018 2:11:47 PM

Quant Time: Mar 13 14:32:04 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	159214	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	265471	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	265917	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	151965	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	102410	46.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.80%	
35) Dibromofluoromethane	5.51	113	79995	47.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.94%	
50) Toluene-d8	8.73	98	317313	45.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.88%	
62) 4-Bromofluorobenzene	11.15	95	121822	45.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.38%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	30925	17.83	ug/l	97
3) Chloromethane	1.32	50	32350	19.10	ug/l	100
4) Vinyl Chloride	1.41	62	39226	19.87	ug/l	99
5) Bromomethane	1.64	94	33299	15.48	ug/l	97
6) Chloroethane	1.73	64	24828	19.89	ug/l	98
7) Trichlorofluoromethane	1.93	101	69120	21.11	ug/l	95
8) Diethyl Ether	2.20	74	26297	21.88	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.39	101	38546	21.08	ug/l	97
10) Methyl Iodide	2.51	142	33706	19.60	ug/l	99
11) Tert butyl alcohol	3.08	59	72361	89.23	ug/l	100
12) 1,1-Dichloroethene	2.38	96	35754	21.29	ug/l	96
13) Acrolein	2.30	56	39004	91.48	ug/l	98
14) Allyl chloride	2.73	41	61035	19.68	ug/l	99
15) Acrylonitrile	3.16	53	139266	98.68	ug/l	99
16) Acetone	2.45	43	153463	96.82	ug/l	100
17) Carbon Disulfide	2.57	76	82650	17.96	ug/l	97
18) Methyl Acetate	2.79	43	66703	19.76	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	131762	22.03	ug/l	100
20) Methylene Chloride	2.87	84	39779	21.04	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	39005	21.12	ug/l	97
22) Diisopropyl ether	3.89	45	97867	18.37	ug/l	95
23) Vinyl Acetate	3.84	43	526443	102.54	ug/l	100
24) 1,1-Dichloroethane	3.70	63	69366	21.24	ug/l	96
25) 2-Butanone	4.73	43	182647	93.38	ug/l	95
26) 2,2-Dichloropropane	4.60	77	50429	21.13	ug/l	99
27) cis-1,2-Dichloroethene	4.61	96	35885	20.49	ug/l	98
28) Bromochloromethane	5.03	49	30689	22.11	ug/l	98
29) Tetrahydrofuran	5.19	42	111746	90.96	ug/l	98
30) Chloroform	5.23	83	64764	20.51	ug/l	98
31) Cyclohexane	5.58	56	48459	20.07	ug/l	98
32) 1,1,1-Trichloroethane	5.51	97	57420	20.98	ug/l	99
36) 1,1-Dichloropropene	5.81	75	47513	20.11	ug/l	99
37) Ethyl Acetate	4.88	43	63575	18.62	ug/l	99
38) Carbon Tetrachloride	5.79	117	47917	20.04	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	55071	19.00	ug/l	97
40) Benzene	6.15	78	138168	20.28	ug/l	97
41) Methacrylonitrile	5.07	41	32927	18.92	ug/l	98
42) 1,2-Dichloroethane	6.21	62	54278	20.31	ug/l	98
43) Isopropyl Acetate	6.48	43	93804	19.01	ug/l	99
44) Trichloroethene	7.22	130	39410	20.21	ug/l	100
45) 1,2-Dichloropropane	7.53	63	34705	20.11	ug/l	99
46) Dibromomethane	7.67	93	27489	20.14	ug/l	97
47) Bromodichloromethane	7.91	83	48453	20.18	ug/l	97
48) Methyl methacrylate	7.79	41	45646	18.78	ug/l	99
49) 1,4-Dioxane	7.77	88	21602	391.43	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	354200	95.08	ug/l	98
52) Toluene	8.79	92	94529	20.25	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	56975	20.13	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	54925	20.06	ug/l	96
55) 1,1,2-Trichloroethane	9.23	97	39145	20.70	ug/l	97
56) Ethyl methacrylate	9.20	69	58097	20.53	ug/l	99
57) 1,3-Dichloropropane	9.38	76	63915	20.13	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	138198	96.72	ug/l	98
59) 2-Hexanone	9.51	43	293530	92.41	ug/l	99
60) Dibromochloromethane	9.59	129	39301	19.71	ug/l	99
61) 1,2-Dibromoethane	9.68	107	42663	20.31	ug/l	100
64) Tetrachloroethene	9.34	164	40270	21.64	ug/l	96
65) Chlorobenzene	10.15	112	112065	20.87	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	37537	20.45	ug/l	99
67) Ethyl Benzene	10.26	91	187632	20.02	ug/l	100
68) m/p-Xylenes	10.37	106	148118	41.06	ug/l	100
69) o-Xylene	10.71	106	71811	20.71	ug/l	98
70) Styrene	10.72	104	117319	20.40	ug/l	99
71) Bromoform	10.87	173	30299	18.28	ug/l #	99
73) Isopropylbenzene	11.02	105	198310	20.84	ug/l	99
74) N-amyl acetate	6.48	43	93804	19.27	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.28	83	66656	19.98	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	60046m	19.71	ug/l	
77) Bromobenzene	11.26	156	50319	20.46	ug/l	99
78) n-propylbenzene	11.37	91	227836	20.35	ug/l	100
79) 2-Chlorotoluene	11.43	91	131255	20.78	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	165146	20.79	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	17546	17.64	ug/l	91
82) 4-Chlorotoluene	11.52	91	158995	20.70	ug/l	100
83) tert-Butylbenzene	11.78	119	163854	21.20	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	171888	21.04	ug/l	99
85) sec-Butylbenzene	11.96	105	204317	20.90	ug/l	100
86) p-Isopropyltoluene	12.07	119	184470	21.40	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	98538	21.07	ug/l	99
88) 1,4-Dichlorobenzene	12.11	146	102361	20.88	ug/l	99
89) n-Butylbenzene	12.40	91	173884	20.94	ug/l	99
90) Hexachloroethane	12.60	117	26207	18.87	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	98094	21.19	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	17860	19.07	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	71112	21.11	ug/l	99
94) Hexachlorobutadiene	13.79	225	26367	18.81	ug/l	98
95) Naphthalene	13.84	128	246300	20.95	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	68758	20.63	ug/l	99

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

