

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031318\
 Data File : VX000293.D
 Acq On : 13 Mar 2018 11:58
 Operator : JC/MD
 Sample : VX0313WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBSD01

Manual Integrations
 APPROVED

sam
 3/14/2018 2:11:51 PM

Quant Time: Mar 13 14:36:25 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	152070	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	256742	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	253414	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	146137	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	103043	48.88	ug/l	0.00
Spiked Amount			Recovery	=	97.76%	
35) Dibromofluoromethane	5.52	113	80546	49.94	ug/l	0.00
Spiked Amount			Recovery	=	99.88%	
50) Toluene-d8	8.73	98	319399	47.82	ug/l	0.00
Spiked Amount			Recovery	=	95.64%	
62) 4-Bromofluorobenzene	11.15	95	123684	47.44	ug/l	0.00
Spiked Amount			Recovery	=	94.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	31998	19.31	ug/l	97
3) Chloromethane	1.32	50	33127	20.48	ug/l	100
4) Vinyl Chloride	1.40	62	39902	21.16	ug/l	99
5) Bromomethane	1.64	94	33171	16.19	ug/l	97
6) Chloroethane	1.73	64	25280	21.23	ug/l	96
7) Trichlorofluoromethane	1.93	101	68513	21.91	ug/l	94
8) Diethyl Ether	2.20	74	26005	22.65	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	39630	22.69	ug/l	99
10) Methyl Iodide	2.52	142	35120	21.09	ug/l	98
11) Tert butyl alcohol	3.09	59	75077	96.93	ug/l	99
12) 1,1-Dichloroethene	2.38	96	36599	22.82	ug/l	94
13) Acrolein	2.30	56	39238	96.35	ug/l	100
14) Allyl chloride	2.73	41	62477	21.09	ug/l	99
15) Acrylonitrile	3.16	53	143997	106.82	ug/l	99
16) Acetone	2.45	43	153545	101.42	ug/l	98
17) Carbon Disulfide	2.57	76	86468	19.68	ug/l	99
18) Methyl Acetate	2.79	43	69486	21.55	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	131271	22.98	ug/l	97
20) Methylene Chloride	2.87	84	40389	22.37	ug/l	90
21) trans-1,2-Dichloroethene	3.17	96	38900	22.05	ug/l	98
22) Diisopropyl ether	3.89	45	97184	19.10	ug/l	98
23) Vinyl Acetate	3.84	43	458257	93.46	ug/l	99
24) 1,1-Dichloroethane	3.70	63	69119	22.16	ug/l	99
25) 2-Butanone	4.73	43	186364	99.75	ug/l	99
26) 2,2-Dichloropropane	4.59	77	49768	21.83	ug/l	98
27) cis-1,2-Dichloroethene	4.61	96	36341	21.73	ug/l	98
28) Bromochloromethane	5.04	49	29187	22.02	ug/l	98
29) Tetrahydrofuran	5.19	42	115774	98.66	ug/l	100
30) Chloroform	5.23	83	64816	21.49	ug/l	98
31) Cyclohexane	5.58	56	47708	20.68	ug/l	96
32) 1,1,1-Trichloroethane	5.51	97	57124	21.85	ug/l	99
36) 1,1-Dichloropropene	5.81	75	47677	20.87	ug/l	99
37) Ethyl Acetate	4.88	43	64452	19.52	ug/l	100
38) Carbon Tetrachloride	5.79	117	48105	20.81	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	54634	19.49	ug/l	93
40) Benzene	6.15	78	137398	20.85	ug/l	95
41) Methacrylonitrile	5.09	41	33917	20.15	ug/l	98
42) 1,2-Dichloroethane	6.21	62	55174	21.35	ug/l	98
43) Isopropyl Acetate	6.48	43	96695	20.26	ug/l	99
44) Trichloroethene	7.23	130	39494	20.94	ug/l	98
45) 1,2-Dichloropropane	7.53	63	35222	21.11	ug/l	98
46) Dibromomethane	7.67	93	27243	20.63	ug/l	95
47) Bromodichloromethane	7.91	83	48692	20.97	ug/l	98
48) Methyl methacrylate	7.79	41	46052	19.59	ug/l	99
49) 1,4-Dioxane	7.77	88	21878	409.91	ug/l	98
51) 4-Methyl-2-Pentanone	8.67	43	358011	99.37	ug/l	100
52) Toluene	8.79	92	93273	20.66	ug/l	97
53) t-1,3-Dichloropropene	8.45	75	56727	20.73	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	55140	20.83	ug/l	96
55) 1,1,2-Trichloroethane	9.23	97	39228	21.45	ug/l	99
56) Ethyl methacrylate	9.20	69	58596	21.41	ug/l	98
57) 1,3-Dichloropropane	9.38	76	64425	20.98	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	139145	100.69	ug/l	100
59) 2-Hexanone	9.51	43	300071	97.68	ug/l	99
60) Dibromochloromethane	9.59	129	39674	20.57	ug/l	99
61) 1,2-Dibromoethane	9.68	107	42453	20.90	ug/l	98
64) Tetrachloroethene	9.34	164	39485	22.27	ug/l	97
65) Chlorobenzene	10.15	112	112020	21.89	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	38443	21.97	ug/l	98
67) Ethyl Benzene	10.26	91	186531	20.88	ug/l	100
68) m/p-Xylenes	10.37	106	145268	42.26	ug/l	98
69) o-Xylene	10.71	106	70439	21.32	ug/l	98
70) Styrene	10.72	104	116625	21.28	ug/l	98
71) Bromoform	10.87	173	30284	19.02	ug/l #	99
73) Isopropylbenzene	11.02	105	194634	21.27	ug/l	99
74) N-amyl acetate	6.48	43	96695	20.66	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	67120	20.93	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	61730m	21.07	ug/l	
77) Bromobenzene	11.26	156	49968	21.12	ug/l	98
78) n-propylbenzene	11.37	91	224488	20.85	ug/l	99
79) 2-Chlorotoluene	11.43	91	128843	21.21	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	164152	21.49	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.09	75	17581	18.38	ug/l	96
82) 4-Chlorotoluene	11.52	91	160743	21.76	ug/l	98
83) tert-Butylbenzene	11.78	119	163809	22.04	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	171009	21.77	ug/l	100
85) sec-Butylbenzene	11.96	105	201944	21.48	ug/l	99
86) p-Isopropyltoluene	12.07	119	180495	21.77	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	94600	21.03	ug/l	98
88) 1,4-Dichlorobenzene	12.11	146	101377	21.51	ug/l	98
89) n-Butylbenzene	12.40	91	168065	21.05	ug/l	100
90) Hexachloroethane	12.60	117	26538	19.87	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	96407	21.65	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	18471	20.51	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.66	180	69427	21.43	ug/l	99
94) Hexachlorobutadiene	13.79	225	26931	19.98	ug/l	97
95) Naphthalene	13.84	128	243860	21.57	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	68813	21.47	ug/l	99

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

