

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032318\
 Data File : VX000430.D
 Acq On : 23 Mar 2018 15:57
 Operator : JC/MD
 Sample : VX0323WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0323WBSD01

Manual Integrations
 APPROVED

sam
 3/26/2018 2:36:28 PM

Quant Time: Mar 24 06:40:27 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	5.67	168	131146	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	201538	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	206268	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	113727	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	87469	51.09	ug/l	0.00
Spiked Amount			Recovery	=	102.18%	
35) Dibromofluoromethane	5.51	113	68005	53.55	ug/l	0.00
Spiked Amount			Recovery	=	107.10%	
50) Toluene-d8	8.73	98	266959	50.76	ug/l	0.00
Spiked Amount			Recovery	=	101.52%	
62) 4-Bromofluorobenzene	11.15	95	97699	44.70	ug/l	0.00
Spiked Amount			Recovery	=	89.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	27096	18.75	ug/l	97
3) Chloromethane	1.32	50	28597	18.78	ug/l	97
4) Vinyl Chloride	1.40	62	34851	21.66	ug/l	99
5) Bromomethane	1.64	94	23885	12.43	ug/l	98
6) Chloroethane	1.73	64	22140	24.26	ug/l	99
7) Trichlorofluoromethane	1.93	101	61427	21.15	ug/l	99
8) Diethyl Ether	2.19	74	21820	21.03	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	35403	21.86	ug/l	96
10) Methyl Iodide	2.51	142	14983	12.82	ug/l	97
11) Tert butyl alcohol	3.07	59	63410	107.68	ug/l	99
12) 1,1-Dichloroethene	2.38	96	29654	20.86	ug/l	98
13) Acrolein	2.29	56	15685	93.14	ug/l	98
14) Allyl chloride	2.73	41	54746	21.75	ug/l	98
15) Acrylonitrile	3.15	53	123977	103.95	ug/l	99
16) Acetone	2.45	43	155641	109.29	ug/l	99
17) Carbon Disulfide	2.57	76	74878	19.81	ug/l	98
18) Methyl Acetate	2.78	43	66784	22.37	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	108553	20.65	ug/l	100
20) Methylene Chloride	2.86	84	36874	22.42	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	32310	20.38	ug/l	93
22) Diisopropyl ether	3.88	45	106017	23.86	ug/l	97
23) Vinyl Acetate	3.83	43	502044	119.18	ug/l	98
24) 1,1-Dichloroethane	3.70	63	62512	22.37	ug/l	98
25) 2-Butanone	4.71	43	163994	102.45	ug/l	97
26) 2,2-Dichloropropane	4.59	77	40227	20.54	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	31276	21.10	ug/l	96
28) Bromochloromethane	5.03	49	22093	19.18	ug/l	98
29) Tetrahydrofuran	5.18	42	97543	99.04	ug/l	99
30) Chloroform	5.22	83	54576	20.84	ug/l	95
31) Cyclohexane	5.58	56	42747	19.79	ug/l	98
32) 1,1,1-Trichloroethane	5.51	97	47885	20.27	ug/l	99
36) 1,1-Dichloropropene	5.81	75	39814	21.09	ug/l	99
37) Ethyl Acetate	4.87	43	52386	20.31	ug/l	99
38) Carbon Tetrachloride	5.79	117	41103	20.75	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	47789	20.81	ug/l	98
40) Benzene	6.15	78	117853	21.50	ug/l	97
41) Methacrylonitrile	5.07	41	27396	20.15	ug/l	97
42) 1,2-Dichloroethane	6.20	62	47941	22.29	ug/l	99
43) Isopropyl Acetate	6.48	43	79114	20.61	ug/l	99
44) Trichloroethene	7.22	130	33377	21.25	ug/l	98
45) 1,2-Dichloropropane	7.52	63	31040	22.12	ug/l	96
46) Dibromomethane	7.66	93	23373	21.22	ug/l	97
47) Bromodichloromethane	7.91	83	42196	21.77	ug/l	99
48) Methyl methacrylate	7.79	41	38627	20.73	ug/l	98
49) 1,4-Dioxane	7.77	88	16959	432.94	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	310967	104.66	ug/l	99
52) Toluene	8.79	92	79314	20.69	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	46248	20.59	ug/l	90
54) cis-1,3-Dichloropropene	9.05	75	45127	20.72	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	32960	20.91	ug/l	97
56) Ethyl methacrylate	9.19	69	49009	20.52	ug/l	97
57) 1,3-Dichloropropane	9.38	76	55317	21.94	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	112941	98.53	ug/l	98
59) 2-Hexanone	9.51	43	268957	106.61	ug/l	98
60) Dibromochloromethane	9.59	129	34426	21.05	ug/l	99
61) 1,2-Dibromoethane	9.68	107	34399	20.35	ug/l	100
64) Tetrachloroethene	9.34	164	32214	20.13	ug/l	99
65) Chlorobenzene	10.15	112	93779	20.43	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	32956	21.14	ug/l	97
67) Ethyl Benzene	10.26	91	161725	20.78	ug/l	98
68) m/p-Xylenes	10.37	106	124880	40.78	ug/l	99
69) o-Xylene	10.71	106	59730	20.15	ug/l	97
70) Styrene	10.72	104	100194	20.42	ug/l	99
71) Bromoform	10.87	173	26725	19.65	ug/l #	97
73) Isopropylbenzene	11.02	105	165652	21.98	ug/l	99
74) N-amyl acetate	6.48	43	79114	22.26	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	60033	22.52	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	53362m	21.83	ug/l	
77) Bromobenzene	11.26	156	42263	21.05	ug/l	97
78) n-propylbenzene	11.37	91	195652	21.78	ug/l	99
79) 2-Chlorotoluene	11.43	91	110468	21.28	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	140442	22.17	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	15665	20.75	ug/l	94
82) 4-Chlorotoluene	11.52	91	131819	21.27	ug/l	99
83) tert-Butylbenzene	11.78	119	138161	21.62	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	143897	21.66	ug/l	98
85) sec-Butylbenzene	11.96	105	175981	22.26	ug/l	100
86) p-Isopropyltoluene	12.07	119	153191	21.82	ug/l	98
87) 1,3-Dichlorobenzene	12.04	146	80402	21.18	ug/l	98
88) 1,4-Dichlorobenzene	12.11	146	80381	20.17	ug/l	97
89) n-Butylbenzene	12.40	91	142839	21.85	ug/l	98
90) Hexachloroethane	12.60	117	24607	22.26	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	79718	21.42	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16136	21.71	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	54551	20.45	ug/l	99
94) Hexachlorobutadiene	13.79	225	25655	23.23	ug/l	98
95) Naphthalene	13.84	128	200215	21.55	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	58021	22.01	ug/l	99

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

