

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032018\
 Data File : VX000371.D
 Acq On : 20 Mar 2018 20:09
 Operator : JC/MD
 Sample : VX0320WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0320WBSD01

Manual Integrations
 APPROVED

sam
 3/21/2018 11:44:26 AM

Quant Time: Mar 21 05:17:57 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 20 14:01:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	114539	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	190138	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	189360	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	100207	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	79724	53.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.64%	
35) Dibromofluoromethane	5.51	113	60879	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
50) Toluene-d8	8.73	98	248467	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	
62) 4-Bromofluorobenzene	11.15	95	90287	43.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	24073	19.07	ug/l	99
3) Chloromethane	1.32	50	26268	19.75	ug/l	98
4) Vinyl Chloride	1.41	62	29375	20.90	ug/l	100
5) Bromomethane	1.65	94	27485	16.37	ug/l	96
6) Chloroethane	1.73	64	19260	24.16	ug/l	97
7) Trichlorofluoromethane	1.93	101	52573	20.73	ug/l	98
8) Diethyl Ether	2.19	74	19230	21.22	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	28761	20.34	ug/l	98
10) Methyl Iodide	2.52	142	17007	15.37	ug/l	98
11) Tert butyl alcohol	3.07	59	53048	103.15	ug/l	99
12) 1,1-Dichloroethene	2.38	96	26869	21.64	ug/l	96
13) Acrolein	2.30	56	14304	96.61	ug/l	99
14) Allyl chloride	2.73	41	47059	21.40	ug/l	98
15) Acrylonitrile	3.15	53	108402	104.07	ug/l	99
16) Acetone	2.45	43	121173	97.42	ug/l	96
17) Carbon Disulfide	2.57	76	67828	20.55	ug/l	97
18) Methyl Acetate	2.79	43	55143	21.15	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	97380	21.21	ug/l	99
20) Methylene Chloride	2.87	84	30512	21.24	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	28383	20.49	ug/l	93
22) Diisopropyl ether	3.88	45	71939	18.54	ug/l	97
23) Vinyl Acetate	3.84	43	338530	92.01	ug/l	100
24) 1,1-Dichloroethane	3.70	63	50994	20.90	ug/l	98
25) 2-Butanone	4.71	43	137048	98.03	ug/l	100
26) 2,2-Dichloropropane	4.60	77	32754	19.15	ug/l	97
27) cis-1,2-Dichloroethene	4.61	96	26205	20.25	ug/l	98
28) Bromochloromethane	5.04	49	21326	21.19	ug/l	100
29) Tetrahydrofuran	5.18	42	84281	97.98	ug/l	100
30) Chloroform	5.23	83	45807	20.03	ug/l	98
31) Cyclohexane	5.59	56	35755	18.95	ug/l	98
32) 1,1,1-Trichloroethane	5.51	97	40664	19.71	ug/l	99
36) 1,1-Dichloropropene	5.81	75	33466	18.79	ug/l	99
37) Ethyl Acetate	4.87	43	47119	19.37	ug/l	99
38) Carbon Tetrachloride	5.79	117	34733	18.59	ug/l	99

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39) Methylcyclohexane	7.47	83	39863	18.40	ug/l	99
40) Benzene	6.15	78	101927	19.71	ug/l	99
41) Methacrylonitrile	5.07	41	24775	19.32	ug/l	99
42) 1,2-Dichloroethane	6.21	62	40321	19.87	ug/l	97
43) Isopropyl Acetate	6.48	43	70779	19.54	ug/l	99
44) Trichloroethene	7.23	130	28234	19.05	ug/l	100
45) 1,2-Dichloropropane	7.53	63	26167	19.76	ug/l	98
46) Dibromomethane	7.67	93	20348	19.58	ug/l	97
47) Bromodichloromethane	7.91	83	36357	19.89	ug/l	95
48) Methyl methacrylate	7.79	41	34753	19.77	ug/l	99
49) 1,4-Dioxane	7.77	88	13317	360.35	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	272845	97.34	ug/l	98
52) Toluene	8.79	92	68698	19.00	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	41179	19.44	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	38582	18.77	ug/l	96
55) 1,1,2-Trichloroethane	9.23	97	28432	19.12	ug/l	94
56) Ethyl methacrylate	9.19	69	40931	18.17	ug/l	93
57) 1,3-Dichloropropane	9.38	76	47624	20.02	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	106580	98.56	ug/l	100
59) 2-Hexanone	9.51	43	227232	95.47	ug/l	98
60) Dibromochloromethane	9.59	129	29499	19.50	ug/l	100
61) 1,2-Dibromoethane	9.68	107	32107	20.14	ug/l	97
64) Tetrachloroethene	9.34	164	28912	19.68	ug/l	97
65) Chlorobenzene	10.15	112	80001	18.98	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	27602	19.29	ug/l	99
67) Ethyl Benzene	10.26	91	136047	19.04	ug/l	99
68) m/p-Xylenes	10.37	106	106206	37.78	ug/l	97
69) o-Xylene	10.71	106	51452	18.90	ug/l	99
70) Styrene	10.72	104	83221	18.48	ug/l	100
71) Bromoform	10.87	173	21727	17.95	ug/l #	100
73) Isopropylbenzene	11.02	105	139498	21.01	ug/l	99
74) N-amyl acetate	6.48	43	70779	22.66	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	49494	21.08	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	46605m	21.64	ug/l	
77) Bromobenzene	11.26	156	35965	20.33	ug/l	99
78) n-propylbenzene	11.37	91	159810	20.19	ug/l	99
79) 2-Chlorotoluene	11.43	91	90920	19.88	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	114521	20.51	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	13041	19.61	ug/l	93
82) 4-Chlorotoluene	11.52	91	109093	19.98	ug/l	100
83) tert-Butylbenzene	11.78	119	112904	20.05	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	116769	19.95	ug/l	98
85) sec-Butylbenzene	11.96	105	141316	20.28	ug/l	100
86) p-Isopropyltoluene	12.07	119	124458	20.12	ug/l	98
87) 1,3-Dichlorobenzene	12.04	146	65138	19.48	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	66511	18.94	ug/l	97
89) n-Butylbenzene	12.40	91	111392	19.34	ug/l	99
90) Hexachloroethane	12.60	117	19507	20.03	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	66953	20.42	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	12866	19.64	ug/l	96

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93) 1,2,4-Trichlorobenzene	13.65	180	46257	19.68	ug/l	98
94) Hexachlorobutadiene	13.79	225	19284	19.81	ug/l	98
95) Naphthalene	13.84	128	168738	20.61	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	45688	19.67	ug/l	97

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

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