

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032218\
 Data File : VX000403.D
 Acq On : 22 Mar 2018 13:57
 Operator : JC/MD
 Sample : VX0322WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0322WBSD01

Manual Integrations
 APPROVED

sam
 3/23/2018 1:53:01 PM

Quant Time: Mar 23 06:03:21 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	5.68	168	109958	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	178063	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	175166	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	94117	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	75129	52.34	ug/l	0.00
Spiked Amount			Recovery	=	104.68%	
35) Dibromofluoromethane	5.51	113	59751	53.26	ug/l	0.00
Spiked Amount			Recovery	=	106.52%	
50) Toluene-d8	8.73	98	233898	50.34	ug/l	0.00
Spiked Amount			Recovery	=	100.68%	
62) 4-Bromofluorobenzene	11.15	95	85436	44.31	ug/l	0.00
Spiked Amount			Recovery	=	88.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	20881	17.23	ug/l	100
3) Chloromethane	1.32	50	23289	18.24	ug/l	95
4) Vinyl Chloride	1.41	62	25833	19.15	ug/l	94
5) Bromomethane	1.64	94	25370	15.74	ug/l	97
6) Chloroethane	1.73	64	17825	23.26	ug/l	98
7) Trichlorofluoromethane	1.93	101	48332	19.85	ug/l	100
8) Diethyl Ether	2.20	74	17532	20.15	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	27136	19.99	ug/l	99
10) Methyl Iodide	2.52	142	17315	16.05	ug/l	98
11) Tert butyl alcohol	3.07	59	50158	101.59	ug/l	99
12) 1,1-Dichloroethene	2.38	96	23770	19.94	ug/l	99
13) Acrolein	2.30	56	14416	100.69	ug/l	96
14) Allyl chloride	2.73	41	44427	21.05	ug/l	98
15) Acrylonitrile	3.15	53	101406	101.41	ug/l	99
16) Acetone	2.45	43	118959	99.63	ug/l	96
17) Carbon Disulfide	2.57	76	60045	18.95	ug/l	99
18) Methyl Acetate	2.79	43	51946	20.75	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	89415	20.28	ug/l	97
20) Methylene Chloride	2.86	84	27461	19.91	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	25303	19.03	ug/l	95
22) Diisopropyl ether	3.88	45	64706	17.37	ug/l	97
23) Vinyl Acetate	3.84	43	304508	86.21	ug/l	100
24) 1,1-Dichloroethane	3.70	63	39841	17.01	ug/l	99
25) 2-Butanone	4.71	43	128308	95.60	ug/l	99
26) 2,2-Dichloropropane	4.59	77	31315	19.07	ug/l	98
27) cis-1,2-Dichloroethene	4.61	96	23968	19.29	ug/l	96
28) Bromochloromethane	5.03	49	21682	22.45	ug/l	96
29) Tetrahydrofuran	5.18	42	77982	94.44	ug/l	98
30) Chloroform	5.23	83	41981	19.12	ug/l	97
31) Cyclohexane	5.59	56	32070	17.71	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	36956	18.66	ug/l	98
36) 1,1-Dichloropropene	5.81	75	30472	18.27	ug/l	99
37) Ethyl Acetate	4.87	43	42401	18.61	ug/l	99
38) Carbon Tetrachloride	5.79	117	30613	17.49	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	35962	17.73	ug/l	97
40) Benzene	6.15	78	91866	18.97	ug/l	97
41) Methacrylonitrile	5.07	41	21677	18.05	ug/l	97
42) 1,2-Dichloroethane	6.21	62	35118	18.48	ug/l	98
43) Isopropyl Acetate	6.48	43	61081	18.01	ug/l	99
44) Trichloroethene	7.23	130	25743	18.55	ug/l	98
45) 1,2-Dichloropropane	7.53	63	22796	18.39	ug/l	97
46) Dibromomethane	7.67	93	18207	18.71	ug/l	97
47) Bromodichloromethane	7.91	83	32059	18.72	ug/l	97
48) Methyl methacrylate	7.79	41	30504	18.53	ug/l	97
49) 1,4-Dioxane	7.76	88	13203	381.49	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	246972	94.08	ug/l	97
52) Toluene	8.79	92	63007	18.61	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	36609	18.45	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	34210	17.78	ug/l	96
55) 1,1,2-Trichloroethane	9.23	97	26166	18.79	ug/l	98
56) Ethyl methacrylate	9.19	69	37345	17.70	ug/l	97
57) 1,3-Dichloropropane	9.38	76	42522	19.09	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	101322	100.05	ug/l	99
59) 2-Hexanone	9.51	43	207852	93.25	ug/l	98
60) Dibromochloromethane	9.59	129	25830	18.50	ug/l	96
61) 1,2-Dibromoethane	9.68	107	27982	18.74	ug/l	98
64) Tetrachloroethene	9.34	164	26154	19.24	ug/l	95
65) Chlorobenzene	10.15	112	72502	18.60	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	25665	19.39	ug/l	98
67) Ethyl Benzene	10.26	91	122643	18.56	ug/l	97
68) m/p-Xylenes	10.37	106	94700	36.42	ug/l	99
69) o-Xylene	10.71	106	45758	18.17	ug/l	98
70) Styrene	10.72	104	74837	17.96	ug/l	99
71) Bromoform	10.87	173	19811	17.76	ug/l #	98
73) Isopropylbenzene	11.02	105	128040	20.53	ug/l	98
74) N-amyl acetate	6.48	43	61081	20.53	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	46624	21.14	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	41865m	20.70	ug/l	
77) Bromobenzene	11.26	156	31922	19.22	ug/l	100
78) n-propylbenzene	11.37	91	145345	19.55	ug/l	98
79) 2-Chlorotoluene	11.43	91	83392	19.41	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	103076	19.66	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.09	75	11670	18.68	ug/l	91
82) 4-Chlorotoluene	11.52	91	101097	19.71	ug/l	100
83) tert-Butylbenzene	11.78	119	104462	19.75	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	107880	19.62	ug/l	100
85) sec-Butylbenzene	11.96	105	131006	20.02	ug/l	97
86) p-Isopropyltoluene	12.07	119	111928	19.26	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	57766	18.39	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	59492	18.04	ug/l	97
89) n-Butylbenzene	12.40	91	100460	18.57	ug/l	98
90) Hexachloroethane	12.60	117	18232	19.93	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	59596	19.35	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	12152	19.76	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	41822	18.94	ug/l	97
94) Hexachlorobutadiene	13.79	225	17807	19.48	ug/l	99
95) Naphthalene	13.84	128	154310	20.07	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	43269	19.84	ug/l	99

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

