

Data Path : W:\HPCHEM1\MSVOA X\Data\VX041718\
 Data File : VX000982.D
 Acq On : 17 Apr 2018 22:47
 Operator : JC/MD
 Sample : VX0417WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0417WBSD01

Quant Time: Apr 18 06:40:39 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	245790	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	339368	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	321048	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	216579	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	140721	45.41	ug/l	0.00
Spiked Amount			Recovery	=	90.82%	
35) Dibromofluoromethane	5.51	113	114148	43.66	ug/l	0.00
Spiked Amount			Recovery	=	87.32%	
50) Toluene-d8	8.72	98	421597	43.31	ug/l	0.00
Spiked Amount			Recovery	=	86.62%	
62) 4-Bromofluorobenzene	11.14	95	170802	42.41	ug/l	0.00
Spiked Amount			Recovery	=	84.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	48159	17.36	ug/l	98
3) Chloromethane	1.32	50	43775	18.40	ug/l	99
4) Vinyl Chloride	1.41	62	48250	18.03	ug/l	98
5) Bromomethane	1.65	94	34480	30.60	ug/l	98
6) Chloroethane	1.73	64	31324	19.31	ug/l	99
7) Trichlorofluoromethane	1.93	101	78347	19.41	ug/l	98
8) Diethyl Ether	2.19	74	29716	19.70	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	45330	19.04	ug/l	99
10) Methyl Iodide	2.52	142	29027	21.32	ug/l	99
11) Tert butyl alcohol	3.07	59	44226	80.38	ug/l	99
12) 1,1-Dichloroethene	2.38	96	40925	18.14	ug/l	93
13) Acrolein	2.30	56	8963	33.54	ug/l	97
14) Allyl chloride	2.73	41	77175	18.50	ug/l	99
15) Acrylonitrile	3.15	53	119044	101.48	ug/l	99
16) Acetone	2.45	43	102982	96.36	ug/l	96
17) Carbon Disulfide	2.57	76	94425	13.82	ug/l	99
18) Methyl Acetate	2.78	43	62276	22.52	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	154317	20.54	ug/l	100
20) Methylene Chloride	2.86	84	48698	19.59	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	45610	18.33	ug/l	98
22) Diisopropyl ether	3.88	45	159946	20.86	ug/l	99
23) Vinyl Acetate	3.83	43	662699	98.46	ug/l	98
24) 1,1-Dichloroethane	3.70	63	86402	20.09	ug/l	99
25) 2-Butanone	4.71	43	169994	96.32	ug/l	98
26) 2,2-Dichloropropane	4.59	77	67296	15.76	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	53883	19.09	ug/l	99
28) Bromochloromethane	5.03	49	25606	14.78	ug/l	96
29) Tetrahydrofuran	5.17	42	108029	96.40	ug/l	99
30) Chloroform	5.22	83	91806	20.16	ug/l	97
31) Cyclohexane	5.58	56	72404	17.72	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	80128	18.47	ug/l	99
36) 1,1-Dichloropropene	5.81	75	66175	17.71	ug/l	98
37) Ethyl Acetate	4.87	43	67451	18.49	ug/l	100
38) Carbon Tetrachloride	5.79	117	67826	16.21	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	73000	16.26	ug/l	98
40) Benzene	6.15	78	194335	18.71	ug/l	99
41) Methacrylonitrile	5.07	41	40960	19.43	ug/l	98
42) 1,2-Dichloroethane	6.21	62	76665	19.77	ug/l	99
43) Isopropyl Acetate	6.47	43	113838	18.20	ug/l	98
44) Trichloroethene	7.22	130	59436	18.40	ug/l	99
45) 1,2-Dichloropropane	7.53	63	50442	19.07	ug/l	95
46) Dibromomethane	7.67	93	34743	18.84	ug/l	99
47) Bromodichloromethane	7.90	83	65026	17.48	ug/l	95
48) Methyl methacrylate	7.78	41	59946	18.49	ug/l	100
49) 1,4-Dioxane	7.76	88	16605	254.83	ug/l	93
51) 4-Methyl-2-Pentanone	8.66	43	354898	96.58	ug/l	99
52) Toluene	8.79	92	128035	18.58	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	76536	17.15	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	71181	16.38	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	54005	19.75	ug/l	99
56) Ethyl methacrylate	9.19	69	76913	18.23	ug/l	99
57) 1,3-Dichloropropane	9.38	76	86885	19.98	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	186296	94.50	ug/l	98
59) 2-Hexanone	9.50	43	261330	92.12	ug/l	99
60) Dibromochloromethane	9.59	129	52941	16.18	ug/l	98
61) 1,2-Dibromoethane	9.68	107	55524	19.14	ug/l	99
64) Tetrachloroethene	9.34	164	60739	19.35	ug/l	99
65) Chlorobenzene	10.15	112	152581	18.89	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	54304	17.86	ug/l	98
67) Ethyl Benzene	10.26	91	252153	18.73	ug/l	100
68) m/p-Xylenes	10.37	106	197374	37.14	ug/l	99
69) o-Xylene	10.71	106	95421	18.63	ug/l	98
70) Styrene	10.72	104	161621	18.72	ug/l	100
71) Bromoform	10.87	173	41959	14.91	ug/l #	100
73) Isopropylbenzene	11.02	105	261295	19.02	ug/l	100
74) N-amyl acetate	6.47	43	113838	18.40	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	76973	19.30	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	71464m	19.13	ug/l	
77) Bromobenzene	11.26	156	76245	18.94	ug/l	99
78) n-propylbenzene	11.37	91	295518	18.80	ug/l	100
79) 2-Chlorotoluene	11.43	91	177145	19.07	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	221138	18.71	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	17061	12.56	ug/l #	83
82) 4-Chlorotoluene	11.52	91	211877	18.90	ug/l	99
83) tert-Butylbenzene	11.77	119	224286	18.55	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	225621	18.50	ug/l	100
85) sec-Butylbenzene	11.95	105	264211	18.53	ug/l	99
86) p-Isopropyltoluene	12.07	119	243445	18.31	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	140274	18.82	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	144018	18.86	ug/l	98
89) n-Butylbenzene	12.40	91	211397	18.01	ug/l	99
90) Hexachloroethane	12.60	117	33213	14.76	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	137444	19.10	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	15938	15.95	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	112160	18.27	ug/l	99
94) Hexachlorobutadiene	13.79	225	48786	16.16	ug/l	99
95) Naphthalene	13.84	128	292144	18.54	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	111109	18.63	ug/l	98

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

