

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042718\
 Data File : VX001169.D
 Acq On : 27 Apr 2018 14:46
 Operator : JC/MD
 Sample : VX0427WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0427WBSD01

Manual Integrations
 APPROVED

MMDadoda
 4/30/2018 6:04:37 PM

Quant Time: Apr 28 03:23:43 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 27 01:51:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	223426	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	292845	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	281329	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	192065	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	142719	41.21	ug/l	0.00
Spiked Amount 50.000			Recovery =	82.42%		
35) Dibromofluoromethane	5.51	113	111481	45.99	ug/l	0.00
Spiked Amount 50.000			Recovery =	91.98%		
50) Toluene-d8	8.72	98	426585	46.64	ug/l	0.00
Spiked Amount 50.000			Recovery =	93.28%		
62) 4-Bromofluorobenzene	11.14	95	167869	46.98	ug/l	0.00
Spiked Amount 50.000			Recovery =	93.96%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	46723	19.94	ug/l	99
3) Chloromethane	1.32	50	46498	18.95	ug/l	100
4) Vinyl Chloride	1.40	62	48867	18.77	ug/l	97
5) Bromomethane	1.64	94	37924	22.59	ug/l	94
6) Chloroethane	1.73	64	30560	18.65	ug/l	96
7) Trichlorofluoromethane	1.93	101	84578	20.11	ug/l	96
8) Diethyl Ether	2.19	74	30139	18.64	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	47456	20.48	ug/l	99
10) Methyl Iodide	2.51	142	33749	19.22	ug/l	100
11) Tert butyl alcohol	3.07	59	60176	88.11	ug/l	98
12) 1,1-Dichloroethene	2.38	96	43111	19.08	ug/l	94
13) Acrolein	2.29	56	17136	66.37	ug/l	98
14) Allyl chloride	2.73	41	77870	18.89	ug/l	98
15) Acrylonitrile	3.15	53	128725	88.26	ug/l	100
16) Acetone	2.45	43	126757	89.00	ug/l	98
17) Carbon Disulfide	2.57	76	103728	17.99	ug/l	100
18) Methyl Acetate	2.78	43	65078	18.26	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	154843	18.62	ug/l	98
20) Methylene Chloride	2.86	84	47712	17.99	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	45750	18.32	ug/l	98
22) Diisopropyl ether	3.88	45	147768	17.92	ug/l	96
23) Vinyl Acetate	3.83	43	645472	92.26	ug/l	99
24) 1,1-Dichloroethane	3.70	63	83975	19.37	ug/l	99
25) 2-Butanone	4.71	43	182488	85.63	ug/l	100
26) 2,2-Dichloropropane	4.59	77	62819	18.41	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	51265	18.75	ug/l	98
28) Bromochloromethane	5.03	49	38855	19.99	ug/l	99
29) Tetrahydrofuran	5.17	42	115169	84.06	ug/l	99
30) Chloroform	5.22	83	87415	18.97	ug/l	99
31) Cyclohexane	5.58	56	72248	19.62	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	75457	18.96	ug/l	98
36) 1,1-Dichloropropene	5.81	75	63527	19.69	ug/l	99
37) Ethyl Acetate	4.87	43	69870	18.08	ug/l	99
38) Carbon Tetrachloride	5.79	117	66649	20.14	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	74543	20.87	ug/l	98
40) Benzene	6.15	78	189553	20.30	ug/l	97
41) Methacrylonitrile	5.07	41	39499	18.19	ug/l	97
42) 1,2-Dichloroethane	6.21	62	75338	20.03	ug/l	99
43) Isopropyl Acetate	6.48	43	113414	18.69	ug/l	99
44) Trichloroethene	7.22	130	57174	20.56	ug/l	95
45) 1,2-Dichloropropane	7.52	63	49174	20.03	ug/l	99
46) Dibromomethane	7.67	93	34963	20.56	ug/l	99
47) Bromodichloromethane	7.90	83	60918	19.72	ug/l	100
48) Methyl methacrylate	7.79	41	60409	18.73	ug/l	99
49) 1,4-Dioxane	7.76	88	23876	369.66	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	378972	95.06	ug/l	97
52) Toluene	8.79	92	125351	20.53	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	72433	20.17	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	67175	19.32	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	51962	20.12	ug/l	98
56) Ethyl methacrylate	9.19	69	74018	19.34	ug/l	99
57) 1,3-Dichloropropane	9.38	76	83789	20.05	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	174565	96.49	ug/l	100
59) 2-Hexanone	9.50	43	287415	92.01	ug/l	99
60) Dibromochloromethane	9.59	129	52073	19.45	ug/l	100
61) 1,2-Dibromoethane	9.68	107	54521	20.15	ug/l	99
64) Tetrachloroethene	9.34	164	64178	21.37	ug/l	99
65) Chlorobenzene	10.15	112	147200	19.97	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	52073	20.42	ug/l	99
67) Ethyl Benzene	10.26	91	246817	20.61	ug/l	99
68) m/p-Xylenes	10.37	106	193511	40.87	ug/l	99
69) o-Xylene	10.70	106	94741	20.63	ug/l	97
70) Styrene	10.72	104	154057	20.16	ug/l	99
71) Bromoform	10.86	173	40411	18.52	ug/l #	99
73) Isopropylbenzene	11.02	105	253897	20.28	ug/l	100
74) N-amyl acetate	6.48	43	113414	17.98	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	76144	18.33	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	72855m	18.63	ug/l	
77) Bromobenzene	11.26	156	73533	19.81	ug/l	99
78) n-propylbenzene	11.37	91	288992	20.70	ug/l	100
79) 2-Chlorotoluene	11.43	91	172259	19.91	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	214693	20.26	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	16519	17.20	ug/l	88
82) 4-Chlorotoluene	11.52	91	205501	19.98	ug/l	100
83) tert-Butylbenzene	11.77	119	208716	19.73	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	222981	20.47	ug/l	100
85) sec-Butylbenzene	11.95	105	254835	20.62	ug/l	99
86) p-Isopropyltoluene	12.07	119	234413	20.39	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	135566	20.34	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	138323	19.92	ug/l	99
89) n-Butylbenzene	12.40	91	200078	20.11	ug/l	100
90) Hexachloroethane	12.60	117	32628	19.78	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	134406	19.95	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	15971	17.42	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	103780	19.65	ug/l	99
94) Hexachlorobutadiene	13.79	225	47191	19.01	ug/l	99
95) Naphthalene	13.84	128	277900	18.89	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	103119	19.62	ug/l	99

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

