

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX020918\
 Data File : VX000055.D
 Acq On : 09 Feb 2018 21:38
 Operator : JC/MD
 Sample : VX0209WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ClientSampled :
 VX0209WBS02

Manual Integrations
 APPROVED

sam
 2/14/2018 5:29:51 PM

Quant Time: Feb 10 00:37:04 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X020918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 09 23:01:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	126794	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	209157	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	200005	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	113673	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	67982	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	
35) Dibromofluoromethane	5.52	113	60521	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
50) Toluene-d8	8.73	98	217110	47.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.54%	
62) 4-Bromofluorobenzene	11.15	95	89014	48.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.32%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	24822	21.60	ug/l	98
3) Chloromethane	1.32	50	25094	21.45	ug/l	94
4) Vinyl Chloride	1.41	62	29111	22.08	ug/l	100
5) Bromomethane	1.64	94	21345	30.31	ug/l	98
6) Chloroethane	1.73	64	18416	23.23	ug/l	98
7) Trichlorofluoromethane	1.93	101	50170	21.84	ug/l	97
8) Diethyl Ether	2.20	74	17060	20.51	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	28065	21.62	ug/l	98
10) Methyl Iodide	2.52	142	25913	17.58	ug/l	99
11) Tert butyl alcohol	3.08	59	52959	99.90	ug/l	97
12) 1,1-Dichloroethene	2.38	96	25953	21.10	ug/l	92
13) Acrolein	2.30	56	25847	94.99	ug/l	98
14) Allyl chloride	2.73	41	43178	20.15	ug/l	99
15) Acrylonitrile	3.16	53	96786	104.80	ug/l	99
16) Acetone	2.45	43	83167	106.04	ug/l	98
17) Carbon Disulfide	2.57	76	75427	21.04	ug/l	100
18) Methyl Acetate	2.79	43	43158	21.82	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	89324	21.22	ug/l	100
20) Methylene Chloride	2.87	84	27647	21.05	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	27851	21.03	ug/l	99
22) Diisopropyl ether	3.89	45	71633	20.24	ug/l	97
23) Vinyl Acetate	3.84	43	330170	103.18	ug/l	99
24) 1,1-Dichloroethane	3.71	63	46367	21.07	ug/l	100
25) 2-Butanone	4.73	43	124114	104.85	ug/l	98
26) 2,2-Dichloropropane	4.59	77	37387	19.83	ug/l	99
27) cis-1,2-Dichloroethene	4.61	96	27423	21.13	ug/l	99
28) Bromochloromethane	5.04	49	14490	19.86	ug/l	96
29) Tetrahydrofuran	5.19	42	82608	101.84	ug/l	100
30) Chloroform	5.23	83	46916	21.15	ug/l	99
31) Cyclohexane	5.59	56	38212	21.14	ug/l	98
32) 1,1,1-Trichloroethane	5.51	97	43900	21.03	ug/l	98
36) 1,1-Dichloropropene	5.81	75	36092	19.82	ug/l	98
37) Ethyl Acetate	4.88	43	44640	18.98	ug/l	100
38) Carbon Tetrachloride	5.80	117	40610	19.86	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	43755	19.79	ug/l	96
40) Benzene	6.16	78	102287	19.87	ug/l	99
41) Methacrylonitrile	5.08	41	23456	19.42	ug/l	99
42) 1,2-Dichloroethane	6.21	62	37642	20.47	ug/l	100
43) Isopropyl Acetate	6.48	43	69124	19.49	ug/l	99
44) Trichloroethene	7.23	130	31249	19.62	ug/l	93
45) 1,2-Dichloropropane	7.53	63	25267	20.19	ug/l	97
46) Dibromomethane	7.67	93	19797	20.50	ug/l	96
47) Bromodichloromethane	7.91	83	37182	19.80	ug/l	98
48) Methyl methacrylate	7.79	41	33444	19.22	ug/l	100
49) 1,4-Dioxane	7.77	88	17542	378.40	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	247068	100.00	ug/l	97
52) Toluene	8.79	92	69455	20.09	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	43345	19.73	ug/l	99
54) cis-1,3-Dichloropropene	9.06	75	42492	19.90	ug/l	96
55) 1,1,2-Trichloroethane	9.23	97	28503	19.66	ug/l	98
56) Ethyl methacrylate	9.20	69	44205	19.87	ug/l	98
57) 1,3-Dichloropropane	9.38	76	46231	20.50	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	109113	99.32	ug/l	99
59) 2-Hexanone	9.51	43	202890	100.97	ug/l	99
60) Dibromochloromethane	9.59	129	32927	19.75	ug/l	99
61) 1,2-Dibromoethane	9.68	107	31552	19.76	ug/l	97
64) Tetrachloroethene	9.34	164	29521	19.83	ug/l	95
65) Chlorobenzene	10.15	112	82408	19.82	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	29707	19.87	ug/l	97
67) Ethyl Benzene	10.26	91	137705	19.98	ug/l	99
68) m/p-Xylenes	10.37	106	108213	39.43	ug/l	99
69) o-Xylene	10.71	106	53017	20.01	ug/l	99
70) Styrene	10.72	104	87672	19.59	ug/l	99
71) Bromoform	10.87	173	27332	19.33	ug/l #	99
73) Isopropylbenzene	11.03	105	140242	19.44	ug/l	99
74) N-amyl acetate	6.48	43	69124	19.15	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.28	83	48309	19.69	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	42844m	20.01	ug/l	
77) Bromobenzene	11.27	156	38033	19.43	ug/l	97
78) n-propylbenzene	11.37	91	164744	19.70	ug/l	99
79) 2-Chlorotoluene	11.43	91	95478	19.74	ug/l	100
80) 1,3,5-Trimethylbenzene	11.52	105	118969	19.69	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.09	75	15372	17.77	ug/l	93
82) 4-Chlorotoluene	11.52	91	113144	19.58	ug/l	100
83) tert-Butylbenzene	11.78	119	120700	19.77	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	122295	19.78	ug/l	99
85) sec-Butylbenzene	11.96	105	148890	19.82	ug/l	99
86) p-Isopropyltoluene	12.07	119	132112	19.56	ug/l	98
87) 1,3-Dichlorobenzene	12.04	146	71709	19.45	ug/l	99
88) 1,4-Dichlorobenzene	12.11	146	73497	19.48	ug/l	98
89) n-Butylbenzene	12.40	91	122408	19.40	ug/l	99
90) Hexachloroethane	12.60	117	22078	18.69	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	71509	19.82	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	13337	18.98	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.66	180	53363	19.34	ug/l	98
94) Hexachlorobutadiene	13.79	225	24512	18.83	ug/l	99
95) Naphthalene	13.85	128	178078	19.85	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	52448	19.53	ug/l	99

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

