

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX022718\
 Data File : VX000145.D
 Acq On : 27 Feb 2018 15:45
 Operator : JC/MD
 Sample : VX0227WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ClientSampleId :
 VX0227WBSD01

Manual Integrations
 APPROVED

apatel
 2/28/2018 3:54:50 PM

Quant Time: Feb 28 05:40:51 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 12:46:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	136394	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	225838	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	220391	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	128948	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	93059	54.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.28%	
35) Dibromofluoromethane	5.51	113	75363	52.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.74%	
50) Toluene-d8	8.73	98	290849	51.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.46%	
62) 4-Bromofluorobenzene	11.15	95	115647	52.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	31908	22.72	ug/l	97
3) Chloromethane	1.32	50	29073	21.11	ug/l	98
4) Vinyl Chloride	1.40	62	35327	23.02	ug/l	100
5) Bromomethane	1.64	94	30146	23.54	ug/l	98
6) Chloroethane	1.73	64	24072	23.36	ug/l	100
7) Trichlorofluoromethane	1.93	101	67426	24.57	ug/l	98
8) Diethyl Ether	2.19	74	23093	24.39	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	37169	24.24	ug/l	97
10) Methyl Iodide	2.51	142	36598	21.79	ug/l	98
11) Tert butyl alcohol	3.07	59	83875	127.78	ug/l	99
12) 1,1-Dichloroethene	2.38	96	32003	22.41	ug/l	98
13) Acrolein	2.30	56	9732	31.04	ug/l	92
14) Allyl chloride	2.73	41	57842	24.19	ug/l	98
15) Acrylonitrile	3.15	53	139100	124.09	ug/l	98
16) Acetone	2.45	43	155928	141.15	ug/l	99
17) Carbon Disulfide	2.57	76	77635	18.46	ug/l	98
18) Methyl Acetate	2.78	43	73603	28.41	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	124447	25.38	ug/l	97
20) Methylene Chloride	2.86	84	37130	25.59	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	35564	22.97	ug/l	93
22) Diisopropyl ether	3.88	45	93239	22.32	ug/l	94
23) Vinyl Acetate	3.83	43	431489	111.13	ug/l	97
24) 1,1-Dichloroethane	3.70	63	62517	25.26	ug/l	98
25) 2-Butanone	4.72	43	191585	124.23	ug/l	97
26) 2,2-Dichloropropane	4.59	77	50878	23.65	ug/l	99
27) cis-1,2-Dichloroethene	4.61	96	35353	23.96	ug/l	98
28) Bromochloromethane	5.03	49	24925	22.46	ug/l	91
29) Tetrahydrofuran	5.18	42	118456	117.95	ug/l	99
30) Chloroform	5.23	83	62961	24.17	ug/l	100
31) Cyclohexane	5.59	56	47141	22.15	ug/l	97
32) 1,1,1-Trichloroethane	5.51	97	57313	23.91	ug/l	97
36) 1,1-Dichloropropene	5.81	75	45508	22.46	ug/l	98
37) Ethyl Acetate	4.88	43	63524	22.81	ug/l	97
38) Carbon Tetrachloride	5.79	117	49518	22.62	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	53990	22.13	ug/l	98
40) Benzene	6.15	78	131738	22.75	ug/l	99
41) Methacrylonitrile	5.07	41	32482	24.04	ug/l	96
42) 1,2-Dichloroethane	6.21	62	52382	24.66	ug/l	100
43) Isopropyl Acetate	6.48	43	96671	24.08	ug/l	98
44) Trichloroethene	7.22	130	38889	22.81	ug/l	93
45) 1,2-Dichloropropane	7.53	63	34316	24.18	ug/l	98
46) Dibromomethane	7.67	93	26498	23.93	ug/l	96
47) Bromodichloromethane	7.91	83	49629	24.26	ug/l	97
48) Methyl methacrylate	7.79	41	47364	24.07	ug/l	95
49) 1,4-Dioxane	7.77	88	23365	452.75	ug/l	94
51) 4-Methyl-2-Pentanone	8.66	43	363852	123.97	ug/l	96
52) Toluene	8.79	92	90029	23.27	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	58319	24.25	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	56210	23.54	ug/l	96
55) 1,1,2-Trichloroethane	9.23	97	38625	24.14	ug/l	97
56) Ethyl methacrylate	9.19	69	56803	23.14	ug/l	92
57) 1,3-Dichloropropane	9.38	76	63035	24.81	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	134935	108.75	ug/l	97
59) 2-Hexanone	9.51	43	307584	123.78	ug/l	98
60) Dibromochloromethane	9.59	129	41713	23.02	ug/l	99
61) 1,2-Dibromoethane	9.68	107	42744	24.08	ug/l	95
64) Tetrachloroethene	9.34	164	37349	23.27	ug/l	96
65) Chlorobenzene	10.15	112	108929	23.41	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	39331	24.16	ug/l	98
67) Ethyl Benzene	10.26	91	182440	23.36	ug/l	99
68) m/p-Xylenes	10.37	106	142463	46.06	ug/l	98
69) o-Xylene	10.71	106	69787	23.40	ug/l	97
70) Styrene	10.72	104	115872	23.76	ug/l	98
71) Bromoform	10.87	173	32055	21.68	ug/l #	99
73) Isopropylbenzene	11.02	105	193899	23.73	ug/l	98
74) N-amyl acetate	6.48	43	96671	23.41	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	66881	23.50	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	63261m	23.68	ug/l	
77) Bromobenzene	11.26	156	48156	21.74	ug/l	92
78) n-propylbenzene	11.37	91	227663	23.63	ug/l	99
79) 2-Chlorotoluene	11.43	91	129078	23.42	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	166167	24.05	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.09	75	20150	21.48	ug/l	89
82) 4-Chlorotoluene	11.52	91	158137	23.71	ug/l	97
83) tert-Butylbenzene	11.78	119	165247	23.68	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	170880	23.82	ug/l	98
85) sec-Butylbenzene	11.96	105	204691	23.62	ug/l	100
86) p-Isopropyltoluene	12.07	119	185084	23.90	ug/l	98
87) 1,3-Dichlorobenzene	12.04	146	97738	23.00	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	100249	22.83	ug/l	99
89) n-Butylbenzene	12.40	91	175282	24.01	ug/l	99
90) Hexachloroethane	12.60	117	29387	23.31	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	95514	22.84	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19425	24.59	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	70608	22.50	ug/l	97
94) Hexachlorobutadiene	13.79	225	30635	22.38	ug/l	98
95) Naphthalene	13.84	128	248333	23.34	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	70116	22.64	ug/l	97

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

