

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX022718\
 Data File : VX000144.D
 Acq On : 27 Feb 2018 15:17
 Operator : JC/MD
 Sample : VX0227WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ClientSampleId :
 VX0227WBS01

Manual Integrations
 APPROVED

apatel
 2/28/2018 3:54:45 PM

Quant Time: Feb 28 05:39:39 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	162188	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	274675	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	262052	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	144052	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	112299	55.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.90%	
35) Dibromofluoromethane	5.51	113	89550	51.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.32%	
50) Toluene-d8	8.73	98	346846	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
62) 4-Bromofluorobenzene	11.15	95	131932	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	26894	16.10	ug/l	98
3) Chloromethane	1.32	50	27991	17.09	ug/l	99
4) Vinyl Chloride	1.40	62	32397	17.75	ug/l	95
5) Bromomethane	1.64	94	28756	18.41	ug/l	95
6) Chloroethane	1.73	64	21649	17.67	ug/l	98
7) Trichlorofluoromethane	1.93	101	59022	18.09	ug/l	97
8) Diethyl Ether	2.20	74	21989	19.53	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	33474	18.36	ug/l	97
10) Methyl Iodide	2.51	142	33695	16.87	ug/l	97
11) Tert butyl alcohol	3.07	59	78700	100.83	ug/l	99
12) 1,1-Dichloroethene	2.38	96	29929	17.62	ug/l	89
13) Acrolein	2.30	56	9212	24.71	ug/l	100
14) Allyl chloride	2.73	41	54546	19.18	ug/l	97
15) Acrylonitrile	3.15	53	128750	96.59	ug/l	98
16) Acetone	2.45	43	124512	94.79	ug/l	99
17) Carbon Disulfide	2.57	76	73017	14.60	ug/l	99
18) Methyl Acetate	2.78	43	69354	22.52	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	115444	19.80	ug/l	98
20) Methylene Chloride	2.86	84	34855	19.83	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	32577	17.69	ug/l	97
22) Diisopropyl ether	3.88	45	87644	17.64	ug/l	94
23) Vinyl Acetate	3.84	43	387641	83.96	ug/l	96
24) 1,1-Dichloroethane	3.70	63	59710	20.29	ug/l	97
25) 2-Butanone	4.72	43	173058	94.37	ug/l	99
26) 2,2-Dichloropropane	4.59	77	35563	13.90	ug/l	100
27) cis-1,2-Dichloroethene	4.61	96	31584	18.00	ug/l	99
28) Bromochloromethane	5.03	49	26575	20.14	ug/l	92
29) Tetrahydrofuran	5.18	42	111293	93.20	ug/l	98
30) Chloroform	5.23	83	57178	18.46	ug/l	100
31) Cyclohexane	5.58	56	42134	16.65	ug/l	97
32) 1,1,1-Trichloroethane	5.51	97	52330	18.36	ug/l	99
36) 1,1-Dichloropropene	5.81	75	40628	16.48	ug/l	98
37) Ethyl Acetate	4.87	43	59433	17.55	ug/l	98
38) Carbon Tetrachloride	5.79	117	44197	16.60	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	46788	15.77	ug/l	99
40) Benzene	6.15	78	121399	17.24	ug/l	97
41) Methacrylonitrile	5.08	41	31524	19.07	ug/l	98
42) 1,2-Dichloroethane	6.21	62	48530	18.78	ug/l	99
43) Isopropyl Acetate	6.48	43	88551	18.13	ug/l	98
44) Trichloroethene	7.23	130	35913	17.32	ug/l	96
45) 1,2-Dichloropropane	7.52	63	31205	18.08	ug/l	95
46) Dibromomethane	7.67	93	25218	18.73	ug/l	95
47) Bromodichloromethane	7.91	83	47222	18.98	ug/l	100
48) Methyl methacrylate	7.79	41	43849	18.32	ug/l	98
49) 1,4-Dioxane	7.77	88	23190	369.46	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	336756	94.34	ug/l	96
52) Toluene	8.79	92	83077	17.66	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	50878	17.39	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	50028	17.22	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	35643	18.32	ug/l	98
56) Ethyl methacrylate	9.20	69	54034	18.10	ug/l	95
57) 1,3-Dichloropropane	9.38	76	57524	18.61	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.32	63	142873	94.67	ug/l	97
59) 2-Hexanone	9.51	43	283473	93.79	ug/l	98
60) Dibromochloromethane	9.59	129	39301	17.83	ug/l	99
61) 1,2-Dibromoethane	9.68	107	38460	17.81	ug/l	98
64) Tetrachloroethene	9.34	164	34751	18.21	ug/l	94
65) Chlorobenzene	10.15	112	99529	17.99	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	35898	18.54	ug/l	98
67) Ethyl Benzene	10.26	91	167544	18.04	ug/l	99
68) m/p-Xylenes	10.37	106	130570	35.50	ug/l	100
69) o-Xylene	10.71	106	64520	18.19	ug/l	98
70) Styrene	10.72	104	106513	18.37	ug/l	99
71) Bromoform	10.87	173	31215	17.75	ug/l #	98
73) Isopropylbenzene	11.02	105	174554	19.12	ug/l	97
74) N-amyl acetate	6.48	43	88551	19.20	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	62380	19.62	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	57462m	19.26	ug/l	
77) Bromobenzene	11.26	156	45101	18.23	ug/l	94
78) n-propylbenzene	11.37	91	202249	18.79	ug/l	99
79) 2-Chlorotoluene	11.43	91	116891	18.98	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	146820	19.02	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	17352	16.56	ug/l	92
82) 4-Chlorotoluene	11.52	91	141697	19.02	ug/l	96
83) tert-Butylbenzene	11.78	119	146769	18.83	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	152021	18.97	ug/l	99
85) sec-Butylbenzene	11.96	105	184018	19.01	ug/l	98
86) p-Isopropyltoluene	12.07	119	165766	19.17	ug/l	98
87) 1,3-Dichlorobenzene	12.04	146	86280	18.18	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	90234	18.40	ug/l	97
89) n-Butylbenzene	12.40	91	150691	18.48	ug/l	98
90) Hexachloroethane	12.60	117	27245	19.35	ug/l	91
91) 1,2-Dichlorobenzene	12.40	146	87848	18.80	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	18254	20.68	ug/l	90

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93) 1,2,4-Trichlorobenzene	13.65	180	62331	17.78	ug/l	97
94) Hexachlorobutadiene	13.79	225	25701	16.80	ug/l	98
95) Naphthalene	13.84	128	225763	19.00	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	63978	18.49	ug/l	96

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

