

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX021318\
 Data File : VX000082.D
 Acq On : 13 Feb 2018 18:14
 Operator : JC/MD
 Sample : VX0213WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ClientSampleID :
 VX0213WBS01

Manual Integrations
 APPROVED

MM Dadoda
 2/16/2018 2:28:07 PM

Quant Time: Feb 14 03:01:50 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	106235	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	178188	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	172116	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	98731	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	61358	55.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.56%	
35) Dibromofluoromethane	5.52	113	52738	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	
50) Toluene-d8	8.73	98	191358	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
62) 4-Bromofluorobenzene	11.15	95	79437	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	19862	20.63	ug/l	98
3) Chloromethane	1.33	50	20416	20.83	ug/l	94
4) Vinyl Chloride	1.41	62	24160	21.87	ug/l	99
5) Bromomethane	1.64	94	20924	35.46	ug/l	94
6) Chloroethane	1.73	64	15571	23.44	ug/l	97
7) Trichlorofluoromethane	1.93	101	43310	22.50	ug/l	97
8) Diethyl Ether	2.20	74	14979	21.49	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	23219	21.35	ug/l	98
10) Methyl Iodide	2.52	142	21624	17.52	ug/l	99
11) Tert butyl alcohol	3.08	59	54775	123.32	ug/l	99
12) 1,1-Dichloroethene	2.38	96	21965	21.31	ug/l	92
13) Acrolein	2.30	56	25265	110.82	ug/l	96
14) Allyl chloride	2.73	41	39096	21.77	ug/l	97
15) Acrylonitrile	3.16	53	93061	120.26	ug/l	99
16) Acetone	2.45	43	85677	130.38	ug/l	95
17) Carbon Disulfide	2.58	76	60337	20.09	ug/l	98
18) Methyl Acetate	2.79	43	42001	25.35	ug/l	99
19) Methyl tert-butyl Ether	3.22	73	78715	22.31	ug/l	100
20) Methylene Chloride	2.87	84	24269	22.06	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	24263	21.87	ug/l	96
22) Diisopropyl ether	3.88	45	62083	20.93	ug/l	98
23) Vinyl Acetate	3.84	43	293888	109.62	ug/l	98
24) 1,1-Dichloroethane	3.71	63	40182	21.80	ug/l	98
25) 2-Butanone	4.72	43	123935	124.96	ug/l	98
26) 2,2-Dichloropropane	4.60	77	34073	21.57	ug/l	98
27) cis-1,2-Dichloroethene	4.62	96	24098	22.16	ug/l	99
28) Bromochloromethane	5.04	49	13647	22.33	ug/l	89
29) Tetrahydrofuran	5.18	42	81327	119.67	ug/l	99
30) Chloroform	5.23	83	40873	22.00	ug/l	95
31) Cyclohexane	5.59	56	32547	21.49	ug/l	92
32) 1,1,1-Trichloroethane	5.51	97	37646	21.52	ug/l	98
36) 1,1-Dichloropropene	5.81	75	30991	19.98	ug/l	97
37) Ethyl Acetate	4.88	43	42339	21.14	ug/l	99
38) Carbon Tetrachloride	5.80	117	33691	19.34	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.48	83	36294	19.27	ug/l	98
40) Benzene	6.16	78	89318	20.37	ug/l	99
41) Methacrylonitrile	5.08	41	22157	21.53	ug/l	99
42) 1,2-Dichloroethane	6.21	62	33495	21.38	ug/l	97
43) Isopropyl Acetate	6.48	43	62781	20.78	ug/l	98
44) Trichloroethene	7.22	130	26554	19.57	ug/l	96
45) 1,2-Dichloropropane	7.53	63	21890	20.53	ug/l	98
46) Dibromomethane	7.67	93	17250	20.96	ug/l	95
47) Bromodichloromethane	7.91	83	32323	20.20	ug/l	93
48) Methyl methacrylate	7.79	41	30578	20.62	ug/l	98
49) 1,4-Dioxane	7.77	88	15479	391.93	ug/l	91
51) 4-Methyl-2-Pentanone	8.66	43	231730	110.10	ug/l	97
52) Toluene	8.79	92	61105	20.75	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	38044	20.32	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	37322	20.52	ug/l	97
55) 1,1,2-Trichloroethane	9.23	97	25695	20.80	ug/l	96
56) Ethyl methacrylate	9.20	69	38838	20.50	ug/l	97
57) 1,3-Dichloropropane	9.38	76	41774	21.74	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	98865	105.64	ug/l	98
59) 2-Hexanone	9.51	43	196057	114.53	ug/l	99
60) Dibromochloromethane	9.59	129	28260	19.89	ug/l	100
61) 1,2-Dibromoethane	9.68	107	27997	20.58	ug/l	98
64) Tetrachloroethene	9.34	164	24898	19.43	ug/l	94
65) Chlorobenzene	10.15	112	71629	20.02	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	25637	19.93	ug/l	99
67) Ethyl Benzene	10.26	91	120042	20.24	ug/l	99
68) m/p-Xylenes	10.37	106	93443	39.56	ug/l	96
69) o-Xylene	10.71	106	45199	19.83	ug/l	97
70) Styrene	10.72	104	76550	19.88	ug/l	98
71) Bromoform	10.87	173	23180	19.05	ug/l #	100
73) Isopropylbenzene	11.02	105	124799	19.92	ug/l	100
74) N-amyl acetate	6.48	43	62781	20.02	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.28	83	43369	20.35	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	39607m	21.30	ug/l	
77) Bromobenzene	11.26	156	32907	19.36	ug/l	98
78) n-propylbenzene	11.37	91	142544	19.62	ug/l	99
79) 2-Chlorotoluene	11.43	91	83563	19.90	ug/l	100
80) 1,3,5-Trimethylbenzene	11.52	105	104576	19.93	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	14493	19.29	ug/l #	89
82) 4-Chlorotoluene	11.52	91	98543	19.63	ug/l	99
83) tert-Butylbenzene	11.78	119	106503	20.08	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	107870	20.08	ug/l	99
85) sec-Butylbenzene	11.96	105	129481	19.84	ug/l	100
86) p-Isopropyltoluene	12.07	119	116068	19.78	ug/l	98
87) 1,3-Dichlorobenzene	12.04	146	63198	19.73	ug/l	100
88) 1,4-Dichlorobenzene	12.11	146	63457	19.36	ug/l	98
89) n-Butylbenzene	12.40	91	108146	19.73	ug/l	99
90) Hexachloroethane	12.60	117	19540	19.04	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	63101	20.14	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	12413	20.34	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	45440	18.96	ug/l	100
94) Hexachlorobutadiene	13.79	225	20599	18.22	ug/l	99
95) Naphthalene	13.84	128	158680	20.37	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	44733	19.18	ug/l	99

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

