

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX021318\
 Data File : VX000083.D
 Acq On : 13 Feb 2018 18:41
 Operator : JC/MD
 Sample : VX0213WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ClientSampleId :
 VX0213WBSD01

Manual Integrations
 APPROVED

MM Dadoda
 2/16/2018 2:28:08 PM

Quant Time: Feb 14 03:03:00 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	105521	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	174398	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	170241	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	98541	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	58774	53.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.62%	
35) Dibromofluoromethane	5.52	113	50316	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
50) Toluene-d8	8.73	98	184378	48.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.30%	
62) 4-Bromofluorobenzene	11.15	95	75511	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	20198	21.12	ug/l	97
3) Chloromethane	1.32	50	20869	21.43	ug/l	98
4) Vinyl Chloride	1.41	62	23390	21.32	ug/l	99
5) Bromomethane	1.64	94	20072	34.25	ug/l	94
6) Chloroethane	1.73	64	15298	23.19	ug/l	96
7) Trichlorofluoromethane	1.93	101	42197	22.07	ug/l	97
8) Diethyl Ether	2.20	74	14754	21.31	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	22947	21.24	ug/l	99
10) Methyl Iodide	2.51	142	23275	18.84	ug/l	97
11) Tert butyl alcohol	3.07	59	54815	124.25	ug/l	99
12) 1,1-Dichloroethene	2.38	96	21382	20.88	ug/l	95
13) Acrolein	2.30	56	18915	83.53	ug/l	98
14) Allyl chloride	2.73	41	37025	20.76	ug/l	99
15) Acrylonitrile	3.16	53	89544	116.50	ug/l	99
16) Acetone	2.45	43	85790	131.43	ug/l	99
17) Carbon Disulfide	2.57	76	58980	19.77	ug/l	99
18) Methyl Acetate	2.78	43	40918	24.86	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	76071	21.71	ug/l	97
20) Methylene Chloride	2.87	84	24025	21.98	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	23242	21.09	ug/l	99
22) Diisopropyl ether	3.89	45	61633	20.92	ug/l	95
23) Vinyl Acetate	3.84	43	285367	107.16	ug/l	97
24) 1,1-Dichloroethane	3.71	63	38700	21.13	ug/l	98
25) 2-Butanone	4.72	43	121397	123.23	ug/l	94
26) 2,2-Dichloropropane	4.60	77	32488	20.71	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	22985	21.28	ug/l	97
28) Bromochloromethane	5.03	49	13212	21.76	ug/l	89
29) Tetrahydrofuran	5.18	42	79967	118.46	ug/l	98
30) Chloroform	5.23	83	40211	21.79	ug/l	98
31) Cyclohexane	5.59	56	31405	20.88	ug/l	97
32) 1,1,1-Trichloroethane	5.51	97	36920	21.25	ug/l	98
36) 1,1-Dichloropropene	5.81	75	29659	19.53	ug/l	97
37) Ethyl Acetate	4.88	43	41044	20.93	ug/l	98
38) Carbon Tetrachloride	5.79	117	32524	19.08	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	35700	19.37	ug/l	98
40) Benzene	6.16	78	86829	20.23	ug/l	96
41) Methacrylonitrile	5.07	41	21612	21.46	ug/l	98
42) 1,2-Dichloroethane	6.21	62	32763	21.37	ug/l	98
43) Isopropyl Acetate	6.48	43	60715	20.54	ug/l	99
44) Trichloroethene	7.23	130	25097	18.90	ug/l	95
45) 1,2-Dichloropropane	7.52	63	21595	20.70	ug/l	98
46) Dibromomethane	7.67	93	16436	20.41	ug/l	96
47) Bromodichloromethane	7.91	83	31382	20.04	ug/l	98
48) Methyl methacrylate	7.79	41	29368	20.24	ug/l	97
49) 1,4-Dioxane	7.77	88	16794	434.47	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	230056	111.68	ug/l	95
52) Toluene	8.79	92	58598	20.33	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	36570	19.96	ug/l	96
54) cis-1,3-Dichloropropene	9.05	75	36725	20.63	ug/l	99
55) 1,1,2-Trichloroethane	9.23	97	24509	20.27	ug/l	96
56) Ethyl methacrylate	9.19	69	37437	20.19	ug/l	95
57) 1,3-Dichloropropane	9.38	76	39792	21.16	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	95819	104.61	ug/l	98
59) 2-Hexanone	9.51	43	192691	115.01	ug/l	98
60) Dibromochloromethane	9.59	129	27540	19.81	ug/l	100
61) 1,2-Dibromoethane	9.68	107	27385	20.57	ug/l	98
64) Tetrachloroethene	9.34	164	23016	18.16	ug/l	91
65) Chlorobenzene	10.15	112	70198	19.84	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	25362	19.93	ug/l	99
67) Ethyl Benzene	10.26	91	117305	20.00	ug/l	99
68) m/p-Xylenes	10.37	106	92626	39.65	ug/l	98
69) o-Xylene	10.71	106	44574	19.77	ug/l	99
70) Styrene	10.72	104	74440	19.54	ug/l	98
71) Bromoform	10.87	173	22843	18.98	ug/l #	100
73) Isopropylbenzene	11.02	105	120973	19.35	ug/l	100
74) N-amyl acetate	6.48	43	60715	19.40	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	42022	19.76	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	38321m	20.65	ug/l	
77) Bromobenzene	11.26	156	32364	19.08	ug/l	97
78) n-propylbenzene	11.37	91	140673	19.40	ug/l	99
79) 2-Chlorotoluene	11.43	91	80442	19.19	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	101749	19.42	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.09	75	13758	18.34	ug/l	90
82) 4-Chlorotoluene	11.52	91	97437	19.45	ug/l	99
83) tert-Butylbenzene	11.78	119	104805	19.80	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	105235	19.63	ug/l	98
85) sec-Butylbenzene	11.96	105	126698	19.46	ug/l	100
86) p-Isopropyltoluene	12.07	119	113172	19.33	ug/l	98
87) 1,3-Dichlorobenzene	12.04	146	62440	19.53	ug/l	100
88) 1,4-Dichlorobenzene	12.11	146	63189	19.32	ug/l	99
89) n-Butylbenzene	12.40	91	106078	19.39	ug/l	98
90) Hexachloroethane	12.60	117	19269	18.82	ug/l	91
91) 1,2-Dichlorobenzene	12.40	146	60897	19.47	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	12511	20.54	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	44573	18.63	ug/l	99
94) Hexachlorobutadiene	13.79	225	20409	18.09	ug/l	98
95) Naphthalene	13.84	128	158583	20.40	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	44372	19.06	ug/l	100

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

