

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051018\
 Data File : VX001600.D
 Acq On : 10 May 2018 14:14
 Operator : JC/MD
 Sample : VX0510WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBS01

Manual Integrations
 APPROVED

apatel
 5/11/2018 1:06:46 PM

Quant Time: May 11 07:00:29 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	281129	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	351578	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	335636	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	243780	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	216832	53.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.32%	
35) Dibromofluoromethane	5.51	113	174555	55.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.64%	
50) Toluene-d8	8.72	98	635607	55.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.36%	
62) 4-Bromofluorobenzene	11.14	95	240400	54.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	82594	21.82	ug/l	100
3) Chloromethane	1.32	50	74372	20.18	ug/l	99
4) Vinyl Chloride	1.40	62	80083	20.82	ug/l	98
5) Bromomethane	1.64	94	44100	23.20	ug/l	98
6) Chloroethane	1.72	64	51580	20.29	ug/l	99
7) Trichlorofluoromethane	1.93	101	126808	21.90	ug/l	99
8) Diethyl Ether	2.19	74	47514	20.94	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	76799	22.63	ug/l	100
10) Methyl Iodide	2.51	142	81397	16.62	ug/l	98
11) Tert butyl alcohol	3.07	59	90161	105.83	ug/l	99
12) 1,1-Dichloroethene	2.37	96	65567	21.08	ug/l	96
13) Acrolein	2.29	56	12144	63.61	ug/l	93
14) Allyl chloride	2.73	41	124154	21.40	ug/l	99
15) Acrylonitrile	3.15	53	202344	105.11	ug/l	99
16) Acetone	2.45	43	208308	113.53	ug/l	98
17) Carbon Disulfide	2.57	76	147614	18.65	ug/l	99
18) Methyl Acetate	2.78	43	110830	22.99	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	231163	21.34	ug/l	100
20) Methylene Chloride	2.86	84	73962	20.36	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	69932	20.14	ug/l	93
22) Diisopropyl ether	3.87	45	239368	22.09	ug/l	97
23) Vinyl Acetate	3.82	43	1001700	110.91	ug/l	100
24) 1,1-Dichloroethane	3.70	63	131821	21.78	ug/l	100
25) 2-Butanone	4.71	43	288861	108.91	ug/l	99
26) 2,2-Dichloropropane	4.59	77	105499	22.57	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	78745	21.30	ug/l	99
28) Bromochloromethane	5.03	49	60175	22.93	ug/l	99
29) Tetrahydrofuran	5.17	42	177776	104.76	ug/l	100
30) Chloroform	5.22	83	137993	22.13	ug/l	100
31) Cyclohexane	5.57	56	111180	21.38	ug/l	93
32) 1,1,1-Trichloroethane	5.50	97	121277	22.25	ug/l	99
36) 1,1-Dichloropropene	5.80	75	96753	21.63	ug/l	99
37) Ethyl Acetate	4.87	43	106105	21.64	ug/l	100
38) Carbon Tetrachloride	5.79	117	109151	22.88	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	120541	22.80	ug/l	97
40) Benzene	6.15	78	295783	22.64	ug/l	98
41) Methacrylonitrile	5.06	41	61411	21.89	ug/l	99
42) 1,2-Dichloroethane	6.20	62	114829	22.87	ug/l	100
43) Isopropyl Acetate	6.47	43	165845	22.04	ug/l	99
44) Trichloroethene	7.21	130	90800	22.74	ug/l	99
45) 1,2-Dichloropropane	7.52	63	75301	23.12	ug/l	99
46) Dibromomethane	7.67	93	51675	22.41	ug/l	99
47) Bromodichloromethane	7.90	83	96270	22.56	ug/l	99
48) Methyl methacrylate	7.78	41	90231	22.02	ug/l	100
49) 1,4-Dioxane	7.76	88	38508	434.95	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	569987	113.98	ug/l	99
52) Toluene	8.79	92	195414	22.88	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	110434	22.90	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	98250	21.08	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	78900	22.93	ug/l	95
56) Ethyl methacrylate	9.19	69	109133	22.00	ug/l	100
57) 1,3-Dichloropropane	9.38	76	128596	22.60	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	240865	99.00	ug/l	99
59) 2-Hexanone	9.50	43	434532	113.47	ug/l	99
60) Dibromochloromethane	9.59	129	79326	22.51	ug/l	98
61) 1,2-Dibromoethane	9.68	107	81975	22.69	ug/l	100
64) Tetrachloroethene	9.34	164	107969	23.08	ug/l	97
65) Chlorobenzene	10.14	112	222100	22.56	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	82040	23.30	ug/l	99
67) Ethyl Benzene	10.26	91	366632	22.72	ug/l	99
68) m/p-Xylenes	10.37	106	293710	46.07	ug/l	100
69) o-Xylene	10.70	106	140220	22.63	ug/l	97
70) Styrene	10.72	104	232051	23.05	ug/l	100
71) Bromoform	10.86	173	62012	20.57	ug/l	100
73) Isopropylbenzene	11.02	105	386851	22.92	ug/l	100
74) N-amyl acetate	6.47	43	165845	21.64	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	109747	22.02	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	110204m	22.29	ug/l	
77) Bromobenzene	11.26	156	106785	21.76	ug/l	99
78) n-propylbenzene	11.37	91	437692	23.82	ug/l	99
79) 2-Chlorotoluene	11.43	91	256997	22.72	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	325072	23.14	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	27824	20.69	ug/l	93
82) 4-Chlorotoluene	11.52	91	302787	23.21	ug/l	99
83) tert-Butylbenzene	11.77	119	314524	22.50	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	336482	23.30	ug/l	100
85) sec-Butylbenzene	11.95	105	399836	23.83	ug/l	99
86) p-Isopropyltoluene	12.07	119	365703	23.76	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	197708	22.54	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	199344	22.28	ug/l	99
89) n-Butylbenzene	12.40	91	298785	23.42	ug/l	99
90) Hexachloroethane	12.60	117	52548	22.67	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	199723	22.38	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	24719	22.57	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	148073	22.68	ug/l	100
94) Hexachlorobutadiene	13.79	225	84328	23.60	ug/l	100
95) Naphthalene	13.84	128	410273	22.72	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	153119	22.85	ug/l	99

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

