

Data File : VX001008.D

Acq On : 20 Apr 2018 15:01

Operator : JC/MD

Sample : VX0420WBSD01

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 10 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

VX0420WBSD01

Manual Integrations

APPROVED

MMDadoda

4/23/2018 1:27:39 PM

Quant Time: Apr 21 05:52:46 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M

Quant Title : SW846 8260

QLast Update : Fri Apr 20 05:03:28 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	493099	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	680928	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	642835	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	428316	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	301349	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	
35) Dibromofluoromethane	5.51	113	247014	47.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.14%	
50) Toluene-d8	8.72	98	935454	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	
62) 4-Bromofluorobenzene	11.14	95	373268	46.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	66931	10.94	ug/l	98
3) Chloromethane	1.32	50	56131	9.86	ug/l	100
4) Vinyl Chloride	1.41	62	60108	10.18	ug/l	99
5) Bromomethane	1.65	94	41252	9.89	ug/l	97
6) Chloroethane	1.73	64	36007	10.27	ug/l	98
7) Trichlorofluoromethane	1.93	101	89406	10.08	ug/l	99
8) Diethyl Ether	2.19	74	32879	10.04	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	50884	9.79	ug/l	99
10) Methyl Iodide	2.51	142	35583	13.49	ug/l	100
11) Tert butyl alcohol	3.07	59	48254	51.19	ug/l	98
12) 1,1-Dichloroethene	2.38	96	47698	9.93	ug/l	98
13) Acrolein	2.29	56	17676	68.49	ug/l	95
14) Allyl chloride	2.73	41	85746	9.86	ug/l	100
15) Acrylonitrile	3.15	53	126184	49.46	ug/l	98
16) Acetone	2.45	43	120236	51.08	ug/l	99
17) Carbon Disulfide	2.57	76	127716	9.33	ug/l	100
18) Methyl Acetate	2.78	43	78644	11.04	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	162185	10.04	ug/l	98
20) Methylene Chloride	2.86	84	52021	9.24	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	51960	9.72	ug/l	99
22) Diisopropyl ether	3.88	45	170980	10.16	ug/l	98
23) Vinyl Acetate	3.83	43	693397	49.76	ug/l	99
24) 1,1-Dichloroethane	3.70	63	93251	9.88	ug/l	100
25) 2-Butanone	4.71	43	185783	50.56	ug/l	99
26) 2,2-Dichloropropane	4.60	77	79987	9.85	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	59671	10.02	ug/l	99
28) Bromochloromethane	5.03	49	36629	10.09	ug/l	99
29) Tetrahydrofuran	5.17	42	116587	50.21	ug/l	100
30) Chloroform	5.23	83	98398	10.06	ug/l	99
31) Cyclohexane	5.59	56	85890	9.75	ug/l	95
32) 1,1,1-Trichloroethane	5.51	97	88489	10.09	ug/l	99
36) 1,1-Dichloropropene	5.81	75	75409	9.42	ug/l	99
37) Ethyl Acetate	4.87	43	72370	9.86	ug/l	99
38) Carbon Tetrachloride	5.79	117	76180	9.40	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	88312	9.48	ug/l	98
40) Benzene	6.15	78	213865	9.61	ug/l	100
41) Methacrylonitrile	5.07	41	42397	9.25	ug/l	98
42) 1,2-Dichloroethane	6.20	62	81845	9.58	ug/l	100
43) Isopropyl Acetate	6.47	43	121166	9.62	ug/l	100
44) Trichloroethene	7.22	130	64994	9.56	ug/l	99
45) 1,2-Dichloropropane	7.52	63	55964	10.00	ug/l	99
46) Dibromomethane	7.67	93	37220	9.52	ug/l	99
47) Bromodichloromethane	7.90	83	68966	9.53	ug/l	97
48) Methyl methacrylate	7.78	41	65226	9.62	ug/l	99
49) 1,4-Dioxane	7.76	88	20068	201.26	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	384029	50.23	ug/l	98
52) Toluene	8.79	92	141847	9.77	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	84742	9.79	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	79083	9.69	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	56301	9.76	ug/l	98
56) Ethyl methacrylate	9.19	69	83446	9.84	ug/l	99
57) 1,3-Dichloropropane	9.38	76	92306	9.65	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	203221	49.12	ug/l	100
59) 2-Hexanone	9.51	43	291023	49.73	ug/l	99
60) Dibromochloromethane	9.59	129	57738	9.53	ug/l	99
61) 1,2-Dibromoethane	9.68	107	59838	9.82	ug/l	98
64) Tetrachloroethene	9.34	164	66027	9.67	ug/l	98
65) Chlorobenzene	10.15	112	166805	9.74	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	57536	9.79	ug/l	99
67) Ethyl Benzene	10.26	91	278290	9.79	ug/l	98
68) m/p-Xylenes	10.37	106	218601	19.51	ug/l	99
69) o-Xylene	10.71	106	105425	9.76	ug/l	100
70) Styrene	10.72	104	173259	9.74	ug/l	98
71) Bromoform	10.87	173	44848	10.48	ug/l	99
73) Isopropylbenzene	11.02	105	286897	10.25	ug/l	100
74) N-amyl acetate	6.47	43	121166	10.12	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	81338	10.26	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	76810m	10.34	ug/l	
77) Bromobenzene	11.26	156	81990	10.09	ug/l	98
78) n-propylbenzene	11.37	91	324457	10.09	ug/l	99
79) 2-Chlorotoluene	11.43	91	192445	10.13	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	242175	10.20	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	19261	10.68	ug/l	93
82) 4-Chlorotoluene	11.52	91	232676	10.14	ug/l	99
83) tert-Butylbenzene	11.77	119	245269	10.24	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	248579	10.18	ug/l	100
85) sec-Butylbenzene	11.95	105	289611	10.13	ug/l	99
86) p-Isopropyltoluene	12.07	119	270234	10.22	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	152398	10.02	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	156081	9.99	ug/l	98
89) n-Butylbenzene	12.39	91	235700	10.02	ug/l	100
90) Hexachloroethane	12.60	117	36167	9.65	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	147355	10.00	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	17428	10.50	ug/l	93

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042018\
Quantitation Report (QT Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	122259	9.89	ug/l	100
94) Hexachlorobutadiene	13.79	225	53641	9.59	ug/l	98
95) Naphthalene	13.84	128	317145	10.43	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	118593	9.92	ug/l	100

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

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