

Data File : VX000261.D

Acq On : 09 Mar 2018 17:41

Operator : JC/MD

Sample : VX0309WBSD01

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 1 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

VX0309WBSD01

Manual Integrations

APPROVED

apatel

3/10/2018 12:56:05 PM

Quant Time: Mar 10 00:51:38 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M

Quant Title : SW846 8260

QLast Update : Thu Mar 08 02:15:47 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	118601	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	201273	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	199058	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	112127	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.09	65	80574	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
35) Dibromofluoromethane	5.52	113	61542	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	
50) Toluene-d8	8.73	98	244670	46.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.44%	
62) 4-Bromofluorobenzene	11.15	95	91666	44.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	24627	19.06	ug/l	96
3) Chloromethane	1.32	50	26580	21.07	ug/l	100
4) Vinyl Chloride	1.40	62	33168	22.56	ug/l	96
5) Bromomethane	1.64	94	32361	20.52	ug/l	97
6) Chloroethane	1.73	64	20171	21.73	ug/l	99
7) Trichlorofluoromethane	1.93	101	56729	23.26	ug/l	95
8) Diethyl Ether	2.20	74	20114	22.47	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	29796	21.87	ug/l	97
10) Methyl Iodide	2.51	142	25219	19.67	ug/l	97
11) Tert butyl alcohol	3.09	59	69294	114.70	ug/l	98
12) 1,1-Dichloroethene	2.38	96	27652	22.11	ug/l	94
13) Acrolein	2.30	56	35994	113.33	ug/l	98
14) Allyl chloride	2.73	41	51480	22.28	ug/l	99
15) Acrylonitrile	3.16	53	125575	119.45	ug/l	99
16) Acetone	2.45	43	131223	111.14	ug/l	100
17) Carbon Disulfide	2.57	76	67775	19.77	ug/l	99
18) Methyl Acetate	2.79	43	60588	24.10	ug/l	99
19) Methyl tert-butyl Ether	3.22	73	104577	23.48	ug/l	99
20) Methylene Chloride	2.86	84	32487	23.07	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	29527	21.46	ug/l	94
22) Diisopropyl ether	3.89	45	73294	18.47	ug/l	99
23) Vinyl Acetate	3.84	43	353636	92.47	ug/l	100
24) 1,1-Dichloroethane	3.70	63	53096	21.83	ug/l	98
25) 2-Butanone	4.73	43	152828	104.89	ug/l	100
26) 2,2-Dichloropropane	4.60	77	34561	19.44	ug/l	100
27) cis-1,2-Dichloroethene	4.61	96	26805	20.55	ug/l	96
28) Bromochloromethane	5.04	49	23107	22.35	ug/l #	12
29) Tetrahydrofuran	5.18	42	96126	105.04	ug/l	99
30) Chloroform	5.22	83	48080	20.44	ug/l	93
31) Cyclohexane	5.59	56	35650	19.82	ug/l	96
32) 1,1,1-Trichloroethane	5.51	97	41201	20.20	ug/l	98
36) 1,1-Dichloropropene	5.81	75	35240	19.68	ug/l	97
37) Ethyl Acetate	4.89	43	51457	19.88	ug/l	99
38) Carbon Tetrachloride	5.79	117	34373	18.97	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	40061	18.23	ug/l	98
40) Benzene	6.15	78	102657	19.87	ug/l	99
41) Methacrylonitrile	5.08	41	26038	19.74	ug/l	99
42) 1,2-Dichloroethane	6.21	62	41771	20.62	ug/l	98
43) Isopropyl Acetate	6.48	43	75354	20.14	ug/l	99
44) Trichloroethene	7.22	130	28629	19.36	ug/l	98
45) 1,2-Dichloropropane	7.52	63	25927	19.82	ug/l	91
46) Dibromomethane	7.67	93	20114	19.43	ug/l	97
47) Bromodichloromethane	7.91	83	35769	19.65	ug/l	99
48) Methyl methacrylate	7.79	41	36597	19.86	ug/l	96
49) 1,4-Dioxane	7.77	88	18692	446.73	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	293926	104.07	ug/l	98
52) Toluene	8.79	92	69728	19.70	ug/l	97
53) t-1,3-Dichloropropene	8.45	75	42227	19.68	ug/l	96
54) cis-1,3-Dichloropropene	9.06	75	40434	19.48	ug/l	99
55) 1,1,2-Trichloroethane	9.23	97	28807	20.09	ug/l	97
56) Ethyl methacrylate	9.20	69	43303	20.18	ug/l	97
57) 1,3-Dichloropropane	9.38	76	47786	19.85	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	112556	103.90	ug/l	97
59) 2-Hexanone	9.51	43	250494	104.01	ug/l	98
60) Dibromochloromethane	9.59	129	29282	19.37	ug/l	99
61) 1,2-Dibromoethane	9.68	107	32166	20.20	ug/l	98
64) Tetrachloroethene	9.34	164	28080	20.16	ug/l	96
65) Chlorobenzene	10.15	112	80149	19.94	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	27462	19.98	ug/l	98
67) Ethyl Benzene	10.26	91	137941	19.66	ug/l	99
68) m/p-Xylenes	10.37	106	107331	39.75	ug/l	98
69) o-Xylene	10.71	106	51883	19.99	ug/l	98
70) Styrene	10.72	104	86188	20.02	ug/l	97
71) Bromoform	10.87	173	20837	17.05	ug/l #	98
73) Isopropylbenzene	11.03	105	140147	19.96	ug/l	98
74) N-amyl acetate	6.48	43	75354	20.98	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.28	83	52542	21.35	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	47394m	21.09	ug/l	
77) Bromobenzene	11.26	156	35572	19.60	ug/l	96
78) n-propylbenzene	11.37	91	167931	20.33	ug/l	98
79) 2-Chlorotoluene	11.43	91	95294	20.45	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	120655	20.59	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.09	75	13626	18.56	ug/l	91
82) 4-Chlorotoluene	11.52	91	118477	20.91	ug/l	97
83) tert-Butylbenzene	11.78	119	116085	20.35	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	125280	20.79	ug/l	98
85) sec-Butylbenzene	11.96	105	150136	20.81	ug/l	98
86) p-Isopropyltoluene	12.07	119	130640	20.54	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	68547	19.86	ug/l	98
88) 1,4-Dichlorobenzene	12.11	146	72863	20.15	ug/l	99
89) n-Butylbenzene	12.40	91	126470	20.64	ug/l	99
90) Hexachloroethane	12.60	117	19616	19.14	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	69654	20.39	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	14023	20.29	ug/l	93

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX030918\
Quantitation Report (QT Reviewed)

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	49391	19.87	ug/l	100
94) Hexachlorobutadiene	13.79	225	19401	18.76	ug/l	97
95) Naphthalene	13.84	128	181357	20.91	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	49203	20.01	ug/l	99

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

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