

Data File : VX000610.D

Acq On : 31 Mar 2018 23:23

Operator : JC/MD

Sample : VX0331WBS02

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0331WBS02

Quant Time: Apr 02 06:16:57 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M

Quant Title : SW846 8260

QLast Update : Wed Mar 21 04:52:42 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	126113	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	204174	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	221146	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	131722	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	86262	52.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.80%	
35) Dibromofluoromethane	5.51	113	68143	52.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.94%	
50) Toluene-d8	8.73	98	286270	53.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.46%	
62) 4-Bromofluorobenzene	11.15	95	109197	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	21719	15.63	ug/l	99
3) Chloromethane	1.32	50	21966	15.00	ug/l	96
4) Vinyl Chloride	1.40	62	31327	20.25	ug/l	99
5) Bromomethane	1.64	94	25505	13.80	ug/l	98
6) Chloroethane	1.73	64	23815	27.19	ug/l	96
7) Trichlorofluoromethane	1.93	101	62518	22.39	ug/l	99
8) Diethyl Ether	2.19	74	22236	22.28	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.39	101	33829	21.72	ug/l	98
10) Methyl Iodide	2.51	142	12160	11.48	ug/l	92
11) Tert butyl alcohol	3.07	59	62735	110.79	ug/l	100
12) 1,1-Dichloroethene	2.38	96	31818	23.28	ug/l	95
13) Acrolein	2.30	56	35821	201.15	ug/l	99
14) Allyl chloride	2.73	41	54123	22.36	ug/l	99
15) Acrylonitrile	3.16	53	124598	108.64	ug/l	98
16) Acetone	2.45	43	117528	85.82	ug/l	100
17) Carbon Disulfide	2.57	76	81052	22.30	ug/l	99
18) Methyl Acetate	2.78	43	63857	22.24	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	114304	22.61	ug/l	99
20) Methylene Chloride	2.86	84	35900	22.70	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	34476	22.61	ug/l	94
22) Diisopropyl ether	3.89	45	73406	17.18	ug/l	# 90
23) Vinyl Acetate	3.84	43	337335	83.27	ug/l	99
24) 1,1-Dichloroethane	3.70	63	41837	15.57	ug/l	98
25) 2-Butanone	4.72	43	132377	86.00	ug/l	97
26) 2,2-Dichloropropane	4.59	77	27638	14.68	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	26914	18.89	ug/l	94
28) Bromochloromethane	5.03	49	23364	21.09	ug/l	99
29) Tetrahydrofuran	5.18	42	86867	91.72	ug/l	98
30) Chloroform	5.23	83	48366	19.21	ug/l	97
31) Cyclohexane	5.59	56	38071	18.33	ug/l	95
32) 1,1,1-Trichloroethane	5.51	97	43512	19.16	ug/l	97
36) 1,1-Dichloropropene	5.81	75	36313	18.99	ug/l	98
37) Ethyl Acetate	4.87	43	48245	18.47	ug/l	99
38) Carbon Tetrachloride	5.79	117	37479	18.68	ug/l	97

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	41831	17.98	ug/l	95
40) Benzene	6.15	78	110167	19.84	ug/l	98
41) Methacrylonitrile	5.07	41	24334	17.67	ug/l	97
42) 1,2-Dichloroethane	6.20	62	42438	19.47	ug/l	97
43) Isopropyl Acetate	6.48	43	71301	18.34	ug/l	99
44) Trichloroethene	7.22	130	30281	19.03	ug/l	95
45) 1,2-Dichloropropane	7.52	63	27313	19.21	ug/l	90
46) Dibromomethane	7.67	93	21758	19.50	ug/l	97
47) Bromodichloromethane	7.91	83	39896	20.32	ug/l	99
48) Methyl methacrylate	7.79	41	36329	19.24	ug/l	99
49) 1,4-Dioxane	7.77	88	14394	362.72	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	293077	97.37	ug/l	99
52) Toluene	8.79	92	76249	19.64	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	42128	18.52	ug/l	95
54) cis-1,3-Dichloropropene	9.05	75	41005	18.58	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	31737	19.88	ug/l	97
56) Ethyl methacrylate	9.19	69	45521	18.81	ug/l	100
57) 1,3-Dichloropropane	9.38	76	52283	20.47	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.32	63	112214	96.63	ug/l	99
59) 2-Hexanone	9.51	43	243523	95.28	ug/l	99
60) Dibromochloromethane	9.59	129	32766	20.03	ug/l	99
61) 1,2-Dibromoethane	9.68	107	35942	20.99	ug/l	96
64) Tetrachloroethene	9.34	164	32068	18.69	ug/l	95
65) Chlorobenzene	10.15	112	90261	18.34	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	30176	18.05	ug/l	97
67) Ethyl Benzene	10.26	91	154785	18.55	ug/l	99
68) m/p-Xylenes	10.37	106	123475	37.61	ug/l	96
69) o-Xylene	10.71	106	58701	18.47	ug/l	100
70) Styrene	10.72	104	97601	18.56	ug/l	99
71) Bromoform	10.87	173	24381	17.43	ug/l #	98
73) Isopropylbenzene	11.02	105	164016	18.79	ug/l	98
74) N-amyl acetate	6.48	43	71301	16.54	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	58603	18.98	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	52425m	18.52	ug/l	
77) Bromobenzene	11.26	156	41715	17.94	ug/l	99
78) n-propylbenzene	11.37	91	193370	18.58	ug/l	99
79) 2-Chlorotoluene	11.43	91	108728	18.09	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	138131	18.82	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	14047	16.07	ug/l	90
82) 4-Chlorotoluene	11.52	91	136036	18.95	ug/l	100
83) tert-Butylbenzene	11.78	119	134079	18.12	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	144072	18.73	ug/l	99
85) sec-Butylbenzene	11.95	105	172040	18.79	ug/l	99
86) p-Isopropyltoluene	12.07	119	152225	18.72	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	81175	18.47	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	86386	18.72	ug/l	99
89) n-Butylbenzene	12.40	91	142307	18.79	ug/l	98
90) Hexachloroethane	12.60	117	22609	17.66	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	80463	18.67	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	15029	17.46	ug/l	99

Data Path : W:\HPCHEM1\MSVOA_X\Data\VX033118\
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	57251	18.53	ug/l	99
94) Hexachlorobutadiene	13.79	225	22276	17.41	ug/l	95
95) Naphthalene	13.84	128	203133	18.87	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	58207	19.07	ug/l	99

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

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