

Data File : VX000191.D

Acq On : 02 Mar 2018 15:10

Operator : JC/MD

Sample : VX0302WBS01

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 4 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

VX0302WBS01

Manual Integrations

APPROVED

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3/3/2018 1:20:19 PM

Quant Time: Mar 03 05:18:24 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M

Quant Title : SW846 8260

QLast Update : Thu Feb 15 12:46:41 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	89519	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	145707	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	144213	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	82060	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	66490	59.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.96%	
35) Dibromofluoromethane	5.51	113	49499	53.83	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	107.66%	
50) Toluene-d8	8.72	98	199203	54.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.82%	
62) 4-Bromofluorobenzene	11.15	95	79613	55.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	24847	26.96	ug/l	99
3) Chloromethane	1.32	50	21500	23.78	ug/l	99
4) Vinyl Chloride	1.41	62	24062	23.89	ug/l	93
5) Bromomethane	1.65	94	19811	23.57	ug/l	99
6) Chloroethane	1.73	64	14704	21.74	ug/l	96
7) Trichlorofluoromethane	1.93	101	38908	21.61	ug/l	95
8) Diethyl Ether	2.19	74	12624	20.31	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.39	101	20981	20.85	ug/l	94
10) Methyl Iodide	2.52	142	17992	16.32	ug/l	93
11) Tert butyl alcohol	3.06	59	42361	98.33	ug/l	99
12) 1,1-Dichloroethene	2.38	96	19327	20.62	ug/l	88
13) Acrolein	2.29	56	20901	101.57	ug/l	99
14) Allyl chloride	2.73	41	34262	21.83	ug/l	95
15) Acrylonitrile	3.15	53	78678	106.94	ug/l	100
16) Acetone	2.45	43	92056	126.97	ug/l	99
17) Carbon Disulfide	2.57	76	51406	18.63	ug/l	97
18) Methyl Acetate	2.78	43	36179	21.28	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	64517	20.05	ug/l	96
20) Methylene Chloride	2.87	84	20000	20.69	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	20621	20.29	ug/l	94
22) Diisopropyl ether	3.88	45	62505	22.79	ug/l	96
23) Vinyl Acetate	3.83	43	302088	118.55	ug/l	98
24) 1,1-Dichloroethane	3.71	63	36304	22.35	ug/l	99
25) 2-Butanone	4.71	43	109444	108.13	ug/l	99
26) 2,2-Dichloropropane	4.59	77	26206	18.56	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	18611	19.22	ug/l	94
28) Bromochloromethane	5.03	49	15793	21.68	ug/l	87
29) Tetrahydrofuran	5.17	42	67346	102.18	ug/l	97
30) Chloroform	5.22	83	33197	19.42	ug/l	93
31) Cyclohexane	5.59	56	28849	20.65	ug/l	94
32) 1,1,1-Trichloroethane	5.50	97	30344	19.28	ug/l	97
36) 1,1-Dichloropropene	5.81	75	26639	20.37	ug/l	97
37) Ethyl Acetate	4.87	43	36038	20.06	ug/l	98
38) Carbon Tetrachloride	5.79	117	24756	17.53	ug/l	97

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	32382	20.57	ug/l #	89
40) Benzene	6.15	78	76435	20.46	ug/l	96
41) Methacrylonitrile	5.07	41	18601	21.27	ug/l	96
42) 1,2-Dichloroethane	6.21	62	30431	22.20	ug/l	97
43) Isopropyl Acetate	6.47	43	52706	20.35	ug/l	98
44) Trichloroethene	7.22	130	21715	19.74	ug/l	93
45) 1,2-Dichloropropane	7.52	63	18928	20.67	ug/l	89
46) Dibromomethane	7.67	93	14993	20.99	ug/l	94
47) Bromodichloromethane	7.90	83	25812	19.56	ug/l	96
48) Methyl methacrylate	7.79	41	26227	20.65	ug/l	95
49) 1,4-Dioxane	7.77	88	11522	346.05	ug/l #	88
51) 4-Methyl-2-Pentanone	8.66	43	203392	107.41	ug/l	96
52) Toluene	8.79	92	51444	20.61	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	29423	18.96	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	28691	18.62	ug/l #	90
55) 1,1,2-Trichloroethane	9.22	97	21150	20.49	ug/l	97
56) Ethyl methacrylate	9.19	69	30571	19.30	ug/l #	89
57) 1,3-Dichloropropane	9.38	76	34158	20.84	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	59300	74.07	ug/l	95
59) 2-Hexanone	9.51	43	174794	109.02	ug/l	96
60) Dibromochloromethane	9.59	129	20570	17.59	ug/l	98
61) 1,2-Dibromoethane	9.68	107	22533	19.67	ug/l	99
64) Tetrachloroethene	9.34	164	20660	19.67	ug/l	98
65) Chlorobenzene	10.15	112	59312	19.48	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	18910	17.75	ug/l	97
67) Ethyl Benzene	10.26	91	104105	20.37	ug/l	96
68) m/p-Xylenes	10.37	106	79085	39.08	ug/l	96
69) o-Xylene	10.71	106	38071	19.50	ug/l	96
70) Styrene	10.72	104	63215	19.81	ug/l	98
71) Bromoform	10.87	173	14635	15.13	ug/l #	95
73) Isopropylbenzene	11.02	105	104561	20.10	ug/l	96
74) N-amyl acetate	6.47	43	52706	20.06	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	36585	20.20	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	32901m	19.35	ug/l	
77) Bromobenzene	11.26	156	26409	18.74	ug/l	91
78) n-propylbenzene	11.37	91	126213	20.58	ug/l	98
79) 2-Chlorotoluene	11.43	91	69175	19.72	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	87669	19.94	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	9835	16.48	ug/l #	85
82) 4-Chlorotoluene	11.52	91	84179	19.83	ug/l	96
83) tert-Butylbenzene	11.78	119	85555	19.27	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	90536	19.83	ug/l	100
85) sec-Butylbenzene	11.96	105	110534	20.05	ug/l	99
86) p-Isopropyltoluene	12.07	119	100001	20.30	ug/l	98
87) 1,3-Dichlorobenzene	12.04	146	51772	19.15	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	53297	19.08	ug/l	98
89) n-Butylbenzene	12.40	91	95885	20.64	ug/l	96
90) Hexachloroethane	12.60	117	14550	18.14	ug/l	87
91) 1,2-Dichlorobenzene	12.40	146	49339	18.54	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	9866	19.62	ug/l	82

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX030218\
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	13.66	180	36050	18.06	ug/l	99
94) Hexachlorobutadiene	13.79	225	14892	17.09	ug/l	97
95) Naphthalene	13.84	128	124780	18.43	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	35757	18.14	ug/l	98

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

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