

Data File : VX000585.D

Acq On : 31 Mar 2018 11:57

Operator : JC/MD

Sample : VX0331WBS01

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0331WBS01

Quant Time: Apr 02 06:07:15 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	201254	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	320000	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	349099	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	219889	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	131021	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	
35) Dibromofluoromethane	5.51	113	103035	51.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.20%	
50) Toluene-d8	8.72	98	447010	53.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.06%	
62) 4-Bromofluorobenzene	11.15	95	181823	51.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	33152	14.95	ug/l	100
3) Chloromethane	1.32	50	35752	15.30	ug/l	96
4) Vinyl Chloride	1.41	62	45474	18.42	ug/l	98
5) Bromomethane	1.64	94	44798	15.19	ug/l	98
6) Chloroethane	1.73	64	31423	22.36	ug/l	92
7) Trichlorofluoromethane	1.93	101	85695	19.23	ug/l	100
8) Diethyl Ether	2.19	74	30833	19.36	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	47687	19.19	ug/l	98
10) Methyl Iodide	2.51	142	48124	22.15	ug/l	99
11) Tert butyl alcohol	3.07	59	78668	87.06	ug/l	100
12) 1,1-Dichloroethene	2.38	96	42598	19.53	ug/l	91
13) Acrolein	2.30	56	54759	193.30	ug/l	99
14) Allyl chloride	2.73	41	74235	19.21	ug/l	98
15) Acrylonitrile	3.15	53	165604	90.48	ug/l	99
16) Acetone	2.45	43	205679	94.12	ug/l	98
17) Carbon Disulfide	2.57	76	112752	19.44	ug/l	99
18) Methyl Acetate	2.78	43	80359	17.54	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	151447	18.77	ug/l	98
20) Methylene Chloride	2.86	84	45868	18.17	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	45940	18.88	ug/l	93
22) Diisopropyl ether	3.88	45	130830	19.19	ug/l	96
23) Vinyl Acetate	3.83	43	658942	101.93	ug/l	99
24) 1,1-Dichloroethane	3.70	63	81604	19.03	ug/l	99
25) 2-Butanone	4.71	43	208906	85.04	ug/l	98
26) 2,2-Dichloropropane	4.59	77	54564	18.16	ug/l	98
27) cis-1,2-Dichloroethene	4.61	96	39480	17.36	ug/l	99
28) Bromochloromethane	5.03	49	35275	19.95	ug/l	99
29) Tetrahydrofuran	5.18	42	127372	84.28	ug/l	100
30) Chloroform	5.22	83	73127	18.20	ug/l	95
31) Cyclohexane	5.58	56	59895	18.07	ug/l	97
32) 1,1,1-Trichloroethane	5.51	97	65346	18.03	ug/l	98
36) 1,1-Dichloropropene	5.81	75	56262	18.77	ug/l	99
37) Ethyl Acetate	4.87	43	70433	17.20	ug/l	100
38) Carbon Tetrachloride	5.79	117	56575	17.99	ug/l	98

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	69634	19.10	ug/l	96
40) Benzene	6.15	78	163448	18.78	ug/l	99
41) Methacrylonitrile	5.07	41	36960	17.12	ug/l	96
42) 1,2-Dichloroethane	6.21	62	64006	18.74	ug/l	97
43) Isopropyl Acetate	6.48	43	110433	18.12	ug/l	100
44) Trichloroethene	7.22	130	47865	19.19	ug/l	98
45) 1,2-Dichloropropane	7.52	63	43099	19.34	ug/l	97
46) Dibromomethane	7.67	93	33076	18.91	ug/l	98
47) Bromodichloromethane	7.91	83	58805	19.11	ug/l	99
48) Methyl methacrylate	7.79	41	53864	18.20	ug/l	99
49) 1,4-Dioxane	7.76	88	23399	376.21	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	429935	91.13	ug/l	100
52) Toluene	8.79	92	118506	19.47	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	68862	19.31	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	68439	19.79	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	48594	19.42	ug/l	97
56) Ethyl methacrylate	9.19	69	73006	19.25	ug/l	100
57) 1,3-Dichloropropane	9.38	76	78295	19.56	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.32	63	180993	99.45	ug/l	100
59) 2-Hexanone	9.51	43	368077	91.89	ug/l	99
60) Dibromochloromethane	9.59	129	50552	19.78	ug/l	98
61) 1,2-Dibromoethane	9.68	107	53040	19.76	ug/l	98
64) Tetrachloroethene	9.34	164	48308	17.83	ug/l	98
65) Chlorobenzene	10.15	112	140882	18.13	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	48136	18.24	ug/l	97
67) Ethyl Benzene	10.26	91	245373	18.63	ug/l	99
68) m/p-Xylenes	10.37	106	198613	38.32	ug/l	97
69) o-Xylene	10.71	106	94356	18.80	ug/l	97
70) Styrene	10.72	104	158722	19.12	ug/l	98
71) Bromoform	10.87	173	40499	18.09	ug/l #	96
73) Isopropylbenzene	11.02	105	260429	17.88	ug/l	98
74) N-amyl acetate	6.48	43	110433	15.09	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	86117	16.71	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	82012m	17.35	ug/l	
77) Bromobenzene	11.26	156	67257	17.33	ug/l	97
78) n-propylbenzene	11.37	91	317007	18.25	ug/l	98
79) 2-Chlorotoluene	11.43	91	177981	17.73	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	225810	18.43	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	24661	16.90	ug/l	98
82) 4-Chlorotoluene	11.52	91	216858	18.10	ug/l	98
83) tert-Butylbenzene	11.77	119	220551	17.85	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	236197	18.39	ug/l	100
85) sec-Butylbenzene	11.95	105	282211	18.46	ug/l	99
86) p-Isopropyltoluene	12.07	119	257577	18.97	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	134624	18.35	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	141823	18.41	ug/l	96
89) n-Butylbenzene	12.40	91	239641	18.96	ug/l	99
90) Hexachloroethane	12.60	117	38106	17.83	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	134564	18.70	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	23800	16.56	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	98604	19.12	ug/l	98
94) Hexachlorobutadiene	13.79	225	38369	17.97	ug/l	100
95) Naphthalene	13.84	128	331006	18.42	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	92752	18.20	ug/l	96

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

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