

Data File : VX000583.D

Acq On : 31 Mar 2018 10:47

Operator : JC/MD

Sample : VSTDCCC050

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Apr 02 05:41:42 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	5.67	168	176396	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	291674	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	322288	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	204097	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	117470	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	
35) Dibromofluoromethane	5.51	113	92279	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
50) Toluene-d8	8.73	98	393336	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	
62) 4-Bromofluorobenzene	11.15	95	159596	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	80402	41.36	ug/l	96
3) Chloromethane	1.32	50	77498	37.84	ug/l	99
4) Vinyl Chloride	1.41	62	100858	46.61	ug/l	99
5) Bromomethane	1.64	94	114097	44.04	ug/l	100
6) Chloroethane	1.73	64	68776	53.24	ug/l	95
7) Trichlorofluoromethane	1.93	101	182667	46.77	ug/l	95
8) Diethyl Ether	2.19	74	66681	47.77	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	103358	47.46	ug/l	97
10) Methyl Iodide	2.51	142	128170	58.59	ug/l	99
11) Tert butyl alcohol	3.07	59	176124	222.37	ug/l	99
12) 1,1-Dichloroethene	2.38	96	93993	49.16	ug/l	97
13) Acrolein	2.29	56	68691	270.36	ug/l	97
14) Allyl chloride	2.73	41	161598	47.85	ug/l	99
15) Acrylonitrile	3.15	53	366134	228.24	ug/l	99
16) Acetone	2.45	43	528850	276.09	ug/l	99
17) Carbon Disulfide	2.57	76	252447	49.64	ug/l	100
18) Methyl Acetate	2.78	43	178253	44.39	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	346234	48.96	ug/l	97
20) Methylene Chloride	2.86	84	101806	46.02	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	103899	48.71	ug/l	97
22) Diisopropyl ether	3.88	45	316912	53.02	ug/l	94
23) Vinyl Acetate	3.83	43	1532364	270.44	ug/l	98
24) 1,1-Dichloroethane	3.70	63	173039	46.05	ug/l	99
25) 2-Butanone	4.71	43	508627	236.24	ug/l	98
26) 2,2-Dichloropropane	4.59	77	119486	45.37	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	88369	44.33	ug/l	97
28) Bromochloromethane	5.03	49	77408	49.95	ug/l	99
29) Tetrahydrofuran	5.18	42	291168	219.80	ug/l	98
30) Chloroform	5.22	83	169164	48.03	ug/l	99
31) Cyclohexane	5.58	56	132415	45.58	ug/l	95
32) 1,1,1-Trichloroethane	5.51	97	150821	47.47	ug/l	99
36) 1,1-Dichloropropene	5.81	75	125125	45.80	ug/l	99
37) Ethyl Acetate	4.87	43	158505	42.47	ug/l	99
38) Carbon Tetrachloride	5.79	117	132521	46.23	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	156194	47.01	ug/l	99
40) Benzene	6.15	78	370844	46.74	ug/l	98
41) Methacrylonitrile	5.07	41	85075	43.24	ug/l	97
42) 1,2-Dichloroethane	6.20	62	146726	47.13	ug/l	100
43) Isopropyl Acetate	6.48	43	259435	46.70	ug/l	98
44) Trichloroethene	7.22	130	108035	47.53	ug/l	97
45) 1,2-Dichloropropane	7.52	63	95665	47.10	ug/l	100
46) Dibromomethane	7.67	93	76088	47.73	ug/l	97
47) Bromodichloromethane	7.90	83	139741	49.82	ug/l	100
48) Methyl methacrylate	7.79	41	125694	46.60	ug/l	97
49) 1,4-Dioxane	7.76	88	54004	952.61	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	988128	229.80	ug/l	98
52) Toluene	8.79	92	275792	49.72	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	163308	50.25	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	167965	53.28	ug/l	93
55) 1,1,2-Trichloroethane	9.22	97	111718	48.98	ug/l	96
56) Ethyl methacrylate	9.19	69	175777	50.86	ug/l	95
57) 1,3-Dichloropropane	9.38	76	179083	49.09	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	417490	251.67	ug/l	99
59) 2-Hexanone	9.51	43	870221	238.34	ug/l	97
60) Dibromochloromethane	9.59	129	128841	47.92	ug/l	99
61) 1,2-Dibromoethane	9.68	107	132092	54.00	ug/l	98
64) Tetrachloroethene	9.34	164	112117	44.83	ug/l	97
65) Chlorobenzene	10.15	112	330110	46.03	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	119644	49.12	ug/l	98
67) Ethyl Benzene	10.26	91	562191	46.24	ug/l	97
68) m/p-Xylenes	10.37	106	463138	96.80	ug/l	95
69) o-Xylene	10.71	106	222092	47.94	ug/l	95
70) Styrene	10.72	104	374332	48.84	ug/l	96
71) Bromoform	10.87	173	106646	42.78	ug/l #	97
73) Isopropylbenzene	11.02	105	600720	44.42	ug/l	99
74) N-amyl acetate	6.48	43	259435	43.59	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	206064	43.08	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	187996m	42.86	ug/l	
77) Bromobenzene	11.26	156	162245	45.04	ug/l	94
78) n-propylbenzene	11.37	91	700963	43.47	ug/l	98
79) 2-Chlorotoluene	11.43	91	395865	42.50	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	517359	45.50	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	60649	44.77	ug/l	96
82) 4-Chlorotoluene	11.52	91	489125	43.98	ug/l	96
83) tert-Butylbenzene	11.78	119	518871	45.25	ug/l	97
84) 1,2,4-Trimethylbenzene	11.82	105	531610	44.59	ug/l	98
85) sec-Butylbenzene	11.95	105	638127	44.97	ug/l	99
86) p-Isopropyltoluene	12.07	119	582882	46.25	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	313467	46.02	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	326150	45.61	ug/l	98
89) n-Butylbenzene	12.40	91	535282	45.62	ug/l	99
90) Hexachloroethane	12.60	117	90297	45.52	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	310149	46.44	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	55807	41.84	ug/l	92

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	232707	48.61	ug/l	100
94) Hexachlorobutadiene	13.79	225	90739	45.78	ug/l	98
95) Naphthalene	13.84	128	787519	47.22	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	227511	48.09	ug/l	99

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

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