

Data File : VX000631.D

Acq On : 01 Apr 2018 08:18

Operator : JC/MD

Sample : VSTDCCC050

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Apr 02 08:15:28 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	148014	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	254132	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	290254	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	177159	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	104094	53.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.76%	
35) Dibromofluoromethane	5.51	113	80155	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
50) Toluene-d8	8.73	98	357989	53.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.96%	
62) 4-Bromofluorobenzene	11.15	95	142812	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	63848	39.14	ug/l	95
3) Chloromethane	1.32	50	57597	33.52	ug/l	97
4) Vinyl Chloride	1.40	62	91153	50.20	ug/l	99
5) Bromomethane	1.64	94	108568	49.94	ug/l	99
6) Chloroethane	1.72	64	65586	59.35	ug/l	99
7) Trichlorofluoromethane	1.93	101	176743	53.93	ug/l	100
8) Diethyl Ether	2.19	74	63976	54.62	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	98299	53.79	ug/l	99
10) Methyl Iodide	2.51	142	34240	21.57	ug/l	98
11) Tert butyl alcohol	3.09	59	180260	271.23	ug/l	100
12) 1,1-Dichloroethene	2.37	96	91864	57.26	ug/l	98
13) Acrolein	2.30	56	90805	417.55	ug/l	96
14) Allyl chloride	2.73	41	148314	52.35	ug/l	98
15) Acrylonitrile	3.16	53	354603	263.44	ug/l	100
16) Acetone	2.45	43	325071	202.25	ug/l	100
17) Carbon Disulfide	2.57	76	228072	53.44	ug/l	98
18) Methyl Acetate	2.79	43	179921	53.40	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	331512	55.87	ug/l	99
20) Methylene Chloride	2.86	84	101111	54.47	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	100821	56.34	ug/l	98
22) Diisopropyl ether	3.89	45	226597	45.18	ug/l	93
23) Vinyl Acetate	3.84	43	999328	210.19	ug/l	100
24) 1,1-Dichloroethane	3.70	63	114320	36.26	ug/l	98
25) 2-Butanone	4.72	43	392687	217.36	ug/l	98
26) 2,2-Dichloropropane	4.60	77	65436	29.61	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	78375	46.86	ug/l	94
28) Bromochloromethane	5.03	49	68455	52.65	ug/l	100
29) Tetrahydrofuran	5.18	42	266555	239.81	ug/l	99
30) Chloroform	5.23	83	152399	51.57	ug/l	100
31) Cyclohexane	5.59	56	119024	48.83	ug/l	99
32) 1,1,1-Trichloroethane	5.51	97	133282	49.99	ug/l	100
36) 1,1-Dichloropropene	5.81	75	110794	46.54	ug/l	99
37) Ethyl Acetate	4.87	43	143992	44.28	ug/l	100
38) Carbon Tetrachloride	5.79	117	114996	46.05	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	131514	45.43	ug/l	99
40) Benzene	6.15	78	331903	48.01	ug/l	99
41) Methacrylonitrile	5.07	41	75948	44.30	ug/l	98
42) 1,2-Dichloroethane	6.21	62	127391	46.97	ug/l	100
43) Isopropyl Acetate	6.48	43	225354	46.56	ug/l	98
44) Trichloroethene	7.22	130	94531	47.73	ug/l	98
45) 1,2-Dichloropropane	7.53	63	86802	49.05	ug/l	98
46) Dibromomethane	7.67	93	66143	47.62	ug/l	98
47) Bromodichloromethane	7.91	83	120611	49.36	ug/l	98
48) Methyl methacrylate	7.79	41	111453	47.43	ug/l	99
49) 1,4-Dioxane	7.77	88	51913	1051.00	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	902914	241.00	ug/l	99
52) Toluene	8.79	92	249908	51.71	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	133201	47.04	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	131863	48.01	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	102141	51.39	ug/l	98
56) Ethyl methacrylate	9.19	69	154108	51.17	ug/l	96
57) 1,3-Dichloropropane	9.38	76	160662	50.54	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	343582	237.71	ug/l	99
59) 2-Hexanone	9.51	43	746018	234.51	ug/l	97
60) Dibromochloromethane	9.59	129	111355	47.56	ug/l	100
61) 1,2-Dibromoethane	9.68	107	117365	55.07	ug/l	98
64) Tetrachloroethene	9.34	164	103927	46.14	ug/l	97
65) Chlorobenzene	10.15	112	299512	46.37	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	102996	46.95	ug/l	98
67) Ethyl Benzene	10.26	91	511505	46.71	ug/l	98
68) m/p-Xylenes	10.37	106	412469	95.73	ug/l	95
69) o-Xylene	10.71	106	196669	47.14	ug/l	96
70) Styrene	10.72	104	333783	48.35	ug/l	96
71) Bromoform	10.87	173	90451	40.56	ug/l #	96
73) Isopropylbenzene	11.02	105	536962	45.75	ug/l	100
74) N-amyl acetate	6.48	43	225354	43.63	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	187257	45.10	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	163272m	42.88	ug/l	
77) Bromobenzene	11.26	156	143067	45.75	ug/l	96
78) n-propylbenzene	11.37	91	628123	44.88	ug/l	99
79) 2-Chlorotoluene	11.43	91	356009	44.03	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	453544	45.95	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.09	75	42966	36.54	ug/l	96
82) 4-Chlorotoluene	11.52	91	433267	44.88	ug/l	97
83) tert-Butylbenzene	11.78	119	454462	45.66	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	477974	46.19	ug/l	98
85) sec-Butylbenzene	11.95	105	561009	45.55	ug/l	99
86) p-Isopropyltoluene	12.07	119	506269	46.28	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	277492	46.93	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	285417	45.98	ug/l	98
89) n-Butylbenzene	12.40	91	452745	44.45	ug/l	99
90) Hexachloroethane	12.60	117	78606	45.66	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	273529	47.19	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	49921	43.11	ug/l	95

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	196618	47.32	ug/l	99
94) Hexachlorobutadiene	13.79	225	72487	42.13	ug/l	98
95) Naphthalene	13.84	128	702025	48.50	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	194931	47.47	ug/l	99

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

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