

Data File : VX000633.D

Acq On : 02 Apr 2018 11:13

Operator : JC/MD

Sample : VSTDCCC050

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 2 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Manual Integrations

APPROVED

MMDadoda

4/4/2018 5:09:27 PM

Quant Time: Apr 03 02:45:00 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	158661	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	255527	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	291684	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	188128	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	84478	40.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.58%	
35) Dibromofluoromethane	5.51	113	65213	40.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.00%	
50) Toluene-d8	8.72	98	279304	41.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.78%	
62) 4-Bromofluorobenzene	11.15	95	118452	43.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	74782	42.77	ug/l	95
3) Chloromethane	1.32	50	65130	35.36	ug/l	98
4) Vinyl Chloride	1.41	62	86435	44.41	ug/l	97
5) Bromomethane	1.64	94	103588	44.46	ug/l	97
6) Chloroethane	1.73	64	60819	52.46	ug/l	97
7) Trichlorofluoromethane	1.93	101	160726	45.75	ug/l	99
8) Diethyl Ether	2.19	74	57561	45.85	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	89915	45.90	ug/l	99
10) Methyl Iodide	2.51	142	53566	29.51	ug/l	100
11) Tert butyl alcohol	3.07	59	160913	225.87	ug/l	100
12) 1,1-Dichloroethene	2.38	96	78106	45.42	ug/l	98
13) Acrolein	2.30	56	61790	270.39	ug/l	98
14) Allyl chloride	2.73	41	139524	45.93	ug/l	99
15) Acrylonitrile	3.15	53	325864	225.84	ug/l	100
16) Acetone	2.45	43	409395	237.62	ug/l	98
17) Carbon Disulfide	2.57	76	191422	41.85	ug/l	100
18) Methyl Acetate	2.78	43	161034	44.58	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	303158	47.66	ug/l	98
20) Methylene Chloride	2.86	84	88755	44.60	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	87420	45.57	ug/l	97
22) Diisopropyl ether	3.87	45	282459	52.54	ug/l	99
23) Vinyl Acetate	3.83	43	1359896	266.83	ug/l	99
24) 1,1-Dichloroethane	3.70	63	149667	44.28	ug/l	99
25) 2-Butanone	4.71	43	417698	215.69	ug/l	98
26) 2,2-Dichloropropane	4.59	77	102834	43.41	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	73502	41.00	ug/l	99
28) Bromochloromethane	5.03	49	63283	45.40	ug/l	99
29) Tetrahydrofuran	5.17	42	261177	219.20	ug/l	99
30) Chloroform	5.22	83	145765	46.02	ug/l	95
31) Cyclohexane	5.58	56	112351	43.00	ug/l	96
32) 1,1,1-Trichloroethane	5.51	97	128055	44.81	ug/l	99
36) 1,1-Dichloropropene	5.81	75	104026	43.46	ug/l	98
37) Ethyl Acetate	4.87	43	142167	43.48	ug/l	100
38) Carbon Tetrachloride	5.79	117	109796	43.73	ug/l	99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	130877	44.96	ug/l	97
40) Benzene	6.15	78	314692	45.27	ug/l	99
41) Methacrylonitrile	5.07	41	75303	43.69	ug/l	98
42) 1,2-Dichloroethane	6.20	62	124238	45.55	ug/l	98
43) Isopropyl Acetate	6.47	43	227371	46.72	ug/l	99
44) Trichloroethene	7.22	130	92839	46.62	ug/l	98
45) 1,2-Dichloropropane	7.52	63	84777	47.65	ug/l	98
46) Dibromomethane	7.67	93	64701	46.33	ug/l	98
47) Bromodichloromethane	7.91	83	122781	49.97	ug/l	99
48) Methyl methacrylate	7.79	41	111359	47.13	ug/l	98
49) 1,4-Dioxane	7.76	88	49291	992.47	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	889635	236.16	ug/l	98
52) Toluene	8.79	92	242233	49.85	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	141565	49.72	ug/l	95
54) cis-1,3-Dichloropropene	9.05	75	146389	53.00	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	101132	50.61	ug/l	98
56) Ethyl methacrylate	9.19	69	155824	51.46	ug/l	95
57) 1,3-Dichloropropane	9.38	76	160125	50.10	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	344321	236.92	ug/l	99
59) 2-Hexanone	9.51	43	771931	241.33	ug/l	98
60) Dibromochloromethane	9.59	129	113958	48.34	ug/l	98
61) 1,2-Dibromoethane	9.68	107	114923	53.63	ug/l	100
64) Tetrachloroethene	9.34	164	96590	42.67	ug/l	98
65) Chlorobenzene	10.15	112	293820	45.26	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	104073	47.21	ug/l	98
67) Ethyl Benzene	10.26	91	494024	44.90	ug/l	97
68) m/p-Xylenes	10.37	106	401916	92.82	ug/l	96
69) o-Xylene	10.71	106	196150	46.79	ug/l	96
70) Styrene	10.72	104	333974	48.14	ug/l	97
71) Bromoform	10.87	173	94909	42.14	ug/l #	98
73) Isopropylbenzene	11.02	105	539135	43.25	ug/l	100
74) N-amyl acetate	6.47	43	227371	41.27	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	189376	42.95	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	198230m	49.03	ug/l	
77) Bromobenzene	11.26	156	143576	43.24	ug/l	95
78) n-propylbenzene	11.37	91	632019	42.52	ug/l	98
79) 2-Chlorotoluene	11.43	91	355823	41.44	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	465631	44.43	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	55238	44.23	ug/l	95
82) 4-Chlorotoluene	11.52	91	439043	42.83	ug/l	97
83) tert-Butylbenzene	11.78	119	469864	44.45	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	478290	43.53	ug/l	98
85) sec-Butylbenzene	11.95	105	576912	44.11	ug/l	99
86) p-Isopropyltoluene	12.07	119	532475	45.84	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	283218	45.11	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	294684	44.71	ug/l	97
89) n-Butylbenzene	12.40	91	484970	44.84	ug/l	99
90) Hexachloroethane	12.60	117	83869	45.87	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	281809	45.78	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	51016	41.49	ug/l	92

Data Path : W:\HPCHEM1\MSVOA_X\Data\VX040218\
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	13.65	180	209726	47.53	ug/l	99
94) Hexachlorobutadiene	13.79	225	83740	45.83	ug/l	98
95) Naphthalene	13.84	128	714946	46.51	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	205182	47.06	ug/l	100

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

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