

Data File : VX000249.D
Acq On : 09 Mar 2018 11:52
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

apatel
3/10/2018 12:55:49 PM

Quant Time: Mar 09 16:41:17 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 08 02:15:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	125248	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	200467	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	209635	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	128957	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	78684	45.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.64%	
35) Dibromofluoromethane	5.51	113	62326	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	
50) Toluene-d8	8.73	98	258501	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
62) 4-Bromofluorobenzene	11.15	95	105874	52.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.02%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	57778	42.34	ug/l	96
3) Chloromethane	1.32	50	56830	42.65	ug/l	99
4) Vinyl Chloride	1.41	62	68020	43.81	ug/l	100
5) Bromomethane	1.64	94	85311	52.81	ug/l	100
6) Chloroethane	1.72	64	43748	45.15	ug/l	99
7) Trichlorofluoromethane	1.93	101	115978	45.02	ug/l	99
8) Diethyl Ether	2.19	74	41495	43.89	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	64692	44.96	ug/l	98
10) Methyl Iodide	2.51	142	58654	39.54	ug/l	98
11) Tert butyl alcohol	3.07	59	150407	235.76	ug/l	99
12) 1,1-Dichloroethene	2.38	96	58864	44.56	ug/l	96
13) Acrolein	2.30	56	72068	214.87	ug/l	98
14) Allyl chloride	2.73	41	109393	44.83	ug/l	98
15) Acrylonitrile	3.15	53	264456	238.20	ug/l	99
16) Acetone	2.45	43	296075	237.45	ug/l	100
17) Carbon Disulfide	2.57	76	152746	42.20	ug/l	99
18) Methyl Acetate	2.78	43	127161	47.89	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	212605	45.19	ug/l	99
20) Methylene Chloride	2.86	84	64842	43.61	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	63411	43.65	ug/l	99
22) Diisopropyl ether	3.88	45	206837	49.36	ug/l	99
23) Vinyl Acetate	3.83	43	1036780	256.72	ug/l	100
24) 1,1-Dichloroethane	3.70	63	113515	44.19	ug/l	99
25) 2-Butanone	4.71	43	366938	238.47	ug/l	96
26) 2,2-Dichloropropane	4.59	77	80851	43.06	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	60652	44.03	ug/l	97
28) Bromochloromethane	5.03	49	63004	57.71	ug/l	98
29) Tetrahydrofuran	5.18	42	238905	247.20	ug/l	98
30) Chloroform	5.22	83	111948	45.07	ug/l	99
31) Cyclohexane	5.59	56	90177	47.47	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	99254	46.09	ug/l	98
36) 1,1-Dichloropropene	5.81	75	83598	46.87	ug/l	100
37) Ethyl Acetate	4.87	43	121036	46.95	ug/l	99
38) Carbon Tetrachloride	5.79	117	86867	48.12	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	105307	48.11	ug/l	96
40) Benzene	6.15	78	242417	47.12	ug/l	98
41) Methacrylonitrile	5.07	41	62910	47.88	ug/l	97
42) 1,2-Dichloroethane	6.20	62	99018	49.07	ug/l	99
43) Isopropyl Acetate	6.48	43	184852	49.60	ug/l	99
44) Trichloroethene	7.22	130	70136	47.63	ug/l	98
45) 1,2-Dichloropropane	7.52	63	65348	50.15	ug/l	99
46) Dibromomethane	7.67	93	50178	48.68	ug/l	99
47) Bromodichloromethane	7.90	83	91037	50.21	ug/l	98
48) Methyl methacrylate	7.79	41	89451	48.73	ug/l	98
49) 1,4-Dioxane	7.76	88	43026	1032.44	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	747256	265.63	ug/l	99
52) Toluene	8.79	92	172063	48.80	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	105838	49.53	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	107945	52.22	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	73406	51.40	ug/l	98
56) Ethyl methacrylate	9.19	69	112530	52.65	ug/l	95
57) 1,3-Dichloropropane	9.38	76	116174	48.45	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	290816	269.52	ug/l	99
59) 2-Hexanone	9.51	43	649242	270.67	ug/l	99
60) Dibromochloromethane	9.59	129	77691	51.60	ug/l	99
61) 1,2-Dibromoethane	9.68	107	81208	51.21	ug/l	97
64) Tetrachloroethene	9.34	164	69090	47.10	ug/l	97
65) Chlorobenzene	10.15	112	205441	48.53	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	70533	48.73	ug/l	98
67) Ethyl Benzene	10.26	91	353834	47.89	ug/l	97
68) m/p-Xylenes	10.37	106	284698	100.11	ug/l	99
69) o-Xylene	10.71	106	135392	49.54	ug/l	98
70) Styrene	10.72	104	230542	50.85	ug/l	99
71) Bromoform	10.87	173	62442	42.73	ug/l #	99
73) Isopropylbenzene	11.02	105	372301	46.11	ug/l	100
74) N-amyl acetate	6.48	43	184852	44.75	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	137130	48.45	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	146146m	56.54	ug/l	
77) Bromobenzene	11.26	156	93053	44.58	ug/l	95
78) n-propylbenzene	11.37	91	457058	48.10	ug/l	98
79) 2-Chlorotoluene	11.43	91	256150	47.79	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	328901	48.79	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.09	75	42021	49.78	ug/l	97
82) 4-Chlorotoluene	11.52	91	317044	48.65	ug/l	98
83) tert-Butylbenzene	11.78	119	314178	47.90	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	339187	48.93	ug/l	98
85) sec-Butylbenzene	11.96	105	402504	48.51	ug/l	99
86) p-Isopropyltoluene	12.07	119	366277	50.06	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	187906	47.35	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	194866	46.85	ug/l	100
89) n-Butylbenzene	12.40	91	353216	50.13	ug/l	99
90) Hexachloroethane	12.60	117	56696	48.10	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	184791	47.03	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	41254	51.90	ug/l	92

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX030918\
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	128736	45.04	ug/l	97
94) Hexachlorobutadiene	13.79	225	54180	45.54	ug/l	99
95) Naphthalene	13.84	128	486113	48.73	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	129398	45.76	ug/l	100

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

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