

Data File : VX001001.D
Acq On : 20 Apr 2018 11:18
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
4/23/2018 1:27:37 PM

Quant Time: Apr 21 05:44:33 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 20 05:03:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	271951	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	356478	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	339750	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	239945	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	153842	44.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.26%	
35) Dibromofluoromethane	5.51	113	129174	47.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.04%	
50) Toluene-d8	8.72	98	470977	46.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.72%	
62) 4-Bromofluorobenzene	11.14	95	198313	47.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.02%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	177799	52.72	ug/l	97
3) Chloromethane	1.32	50	147376	46.93	ug/l	100
4) Vinyl Chloride	1.41	62	154208	47.37	ug/l	99
5) Bromomethane	1.64	94	100347	54.19	ug/l	98
6) Chloroethane	1.73	64	89528	46.29	ug/l	99
7) Trichlorofluoromethane	1.93	101	236875	48.44	ug/l	100
8) Diethyl Ether	2.19	74	82580	45.72	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	137836	48.11	ug/l	99
10) Methyl Iodide	2.52	142	137168	48.74	ug/l	100
11) Tert butyl alcohol	3.06	59	106861	205.54	ug/l	99
12) 1,1-Dichloroethene	2.38	96	124301	46.91	ug/l	99
13) Acrolein	2.29	56	39814	245.99	ug/l	100
14) Allyl chloride	2.73	41	227201	47.38	ug/l	98
15) Acrylonitrile	3.15	53	293237	208.41	ug/l	100
16) Acetone	2.45	43	274678	211.60	ug/l	100
17) Carbon Disulfide	2.57	76	362032	47.94	ug/l	99
18) Methyl Acetate	2.78	43	181517	46.21	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	413673	46.44	ug/l	100
20) Methylene Chloride	2.86	84	131427	47.97	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	135645	45.99	ug/l	99
22) Diisopropyl ether	3.87	45	424095	45.69	ug/l	99
23) Vinyl Acetate	3.82	43	1722187	224.10	ug/l	100
24) 1,1-Dichloroethane	3.70	63	235486	45.23	ug/l	99
25) 2-Butanone	4.70	43	425196	209.83	ug/l	99
26) 2,2-Dichloropropane	4.59	77	220926	49.32	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	153939	46.85	ug/l	99
28) Bromochloromethane	5.03	49	99664	49.78	ug/l	99
29) Tetrahydrofuran	5.16	42	265807	207.58	ug/l	100
30) Chloroform	5.22	83	254507	47.20	ug/l	99
31) Cyclohexane	5.58	56	229518	47.23	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	234811	48.57	ug/l	100
36) 1,1-Dichloropropene	5.81	75	198061	47.28	ug/l	99
37) Ethyl Acetate	4.86	43	168815	43.93	ug/l	100
38) Carbon Tetrachloride	5.79	117	211950	49.97	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	245693	50.39	ug/l	99
40) Benzene	6.15	78	556097	47.75	ug/l	100
41) Methacrylonitrile	5.06	41	103279	43.04	ug/l	99
42) 1,2-Dichloroethane	6.20	62	209961	46.97	ug/l	100
43) Isopropyl Acetate	6.46	43	302564	45.89	ug/l	100
44) Trichloroethene	7.22	130	172521	48.49	ug/l	99
45) 1,2-Dichloropropane	7.52	63	142468	48.65	ug/l	100
46) Dibromomethane	7.67	93	97676	47.74	ug/l	100
47) Bromodichloromethane	7.90	83	191320	50.47	ug/l	99
48) Methyl methacrylate	7.78	41	160831	45.31	ug/l	99
49) 1,4-Dioxane	7.76	88	47369	907.44	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	888180	221.89	ug/l	100
52) Toluene	8.79	92	369988	48.67	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	234769	51.79	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	225911	52.85	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	142037	47.01	ug/l	99
56) Ethyl methacrylate	9.18	69	214125	48.25	ug/l	99
57) 1,3-Dichloropropane	9.38	76	236089	47.17	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	524118	242.00	ug/l	99
59) 2-Hexanone	9.50	43	685869	223.86	ug/l	100
60) Dibromochloromethane	9.59	129	164278	51.77	ug/l	100
61) 1,2-Dibromoethane	9.68	107	151751	47.59	ug/l	100
64) Tetrachloroethene	9.34	164	174779	48.44	ug/l	99
65) Chlorobenzene	10.14	112	436685	48.27	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	158769	51.13	ug/l	99
67) Ethyl Benzene	10.26	91	735120	48.93	ug/l	99
68) m/p-Xylenes	10.37	106	580847	98.10	ug/l	99
69) o-Xylene	10.70	106	278720	48.83	ug/l	100
70) Styrene	10.72	104	464297	49.39	ug/l	99
71) Bromoform	10.86	173	133603	46.42	ug/l	98
73) Isopropylbenzene	11.02	105	760076	48.45	ug/l	99
74) N-amyl acetate	6.46	43	302564	45.09	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	202796	45.67	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	193163m	46.40	ug/l	
77) Bromobenzene	11.26	156	215755	47.38	ug/l	99
78) n-propylbenzene	11.37	91	881623	48.96	ug/l	100
79) 2-Chlorotoluene	11.43	91	510436	47.97	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	650883	48.95	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	60677	45.07	ug/l	97
82) 4-Chlorotoluene	11.52	91	617689	48.04	ug/l	100
83) tert-Butylbenzene	11.77	119	666560	49.69	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	668655	48.86	ug/l	99
85) sec-Butylbenzene	11.95	105	793158	49.53	ug/l	99
86) p-Isopropyltoluene	12.07	119	739724	49.94	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	406911	47.74	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	415682	47.51	ug/l	100
89) n-Butylbenzene	12.40	91	662064	50.24	ug/l	100
90) Hexachloroethane	12.60	117	112799	53.74	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	390889	47.37	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	43003	46.23	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	334376	48.27	ug/l	100
94) Hexachlorobutadiene	13.79	225	153838	49.08	ug/l	98
95) Naphthalene	13.84	128	798523	46.87	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	318732	47.57	ug/l	100

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

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