

Data File : VX000343.D
Acq On : 16 Mar 2018 12:40
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
3/19/2018 5:31:44 PM

Quant Time: Mar 16 14:48:30 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X031418W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 15 03:39:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	128093	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	203131	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	198708	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	124736	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	79633	44.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.88%	
35) Dibromofluoromethane	5.51	113	62070	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	
50) Toluene-d8	8.73	98	250937	46.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.86%	
62) 4-Bromofluorobenzene	11.15	95	99244	46.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.58%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.20	85	58381	42.31	ug/l	96
3) Chloromethane	1.32	50	60933	43.32	ug/l	97
4) Vinyl Chloride	1.41	62	74720	47.43	ug/l	99
5) Bromomethane	1.64	94	99470	56.58	ug/l	96
6) Chloroethane	1.72	64	45981	41.07	ug/l	97
7) Trichlorofluoromethane	1.93	101	128177	46.84	ug/l	98
8) Diethyl Ether	2.19	74	45174	46.38	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	72181	48.99	ug/l	99
10) Methyl Iodide	2.52	142	70264	47.20	ug/l	98
11) Tert butyl alcohol	3.07	59	137527	239.86	ug/l	99
12) 1,1-Dichloroethene	2.38	96	63966	45.75	ug/l	96
13) Acrolein	2.30	56	57523	233.20	ug/l	97
14) Allyl chloride	2.73	41	114998	46.12	ug/l	98
15) Acrylonitrile	3.15	53	265009	239.71	ug/l	100
16) Acetone	2.45	43	305633	258.31	ug/l	97
17) Carbon Disulfide	2.57	76	174950	42.83	ug/l	98
18) Methyl Acetate	2.78	43	130118	49.14	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	231043	46.94	ug/l	100
20) Methylene Chloride	2.86	84	70269	45.87	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	69248	44.80	ug/l	95
22) Diisopropyl ether	3.87	45	224174	54.02	ug/l	95
23) Vinyl Acetate	3.83	43	1089029	275.33	ug/l	97
24) 1,1-Dichloroethane	3.70	63	126715	48.54	ug/l	98
25) 2-Butanone	4.71	43	360206	254.72	ug/l	99
26) 2,2-Dichloropropane	4.60	77	91931	48.79	ug/l	99
27) cis-1,2-Dichloroethene	4.61	96	64664	45.79	ug/l	99
28) Bromochloromethane	5.03	49	51830	47.24	ug/l	99
29) Tetrahydrofuran	5.17	42	227342	249.77	ug/l	99
30) Chloroform	5.22	83	121508	49.30	ug/l	94
31) Cyclohexane	5.58	56	97652	48.75	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	106640	48.96	ug/l	98
36) 1,1-Dichloropropene	5.81	75	88727	48.07	ug/l	96
37) Ethyl Acetate	4.87	43	121126	49.38	ug/l	100
38) Carbon Tetrachloride	5.79	117	92974	49.97	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	115282	53.55	ug/l	97
40) Benzene	6.15	78	262259	50.08	ug/l	97
41) Methacrylonitrile	5.07	41	63392	49.22	ug/l	97
42) 1,2-Dichloroethane	6.20	62	105323	50.75	ug/l	99
43) Isopropyl Acetate	6.48	43	190684	53.86	ug/l	99
44) Trichloroethene	7.22	130	75524	49.78	ug/l	94
45) 1,2-Dichloropropane	7.52	63	68470	53.02	ug/l	99
46) Dibromomethane	7.67	93	52700	50.80	ug/l	99
47) Bromodichloromethane	7.91	83	98786	53.64	ug/l	98
48) Methyl methacrylate	7.79	41	93109	52.01	ug/l	98
49) 1,4-Dioxane	7.76	88	38940	966.85	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	738428	268.58	ug/l	99
52) Toluene	8.79	92	184180	50.07	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	110918	52.19	ug/l	94
54) cis-1,3-Dichloropropene	9.05	75	111981	53.88	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	74484	50.47	ug/l	96
56) Ethyl methacrylate	9.19	69	118187	54.08	ug/l	99
57) 1,3-Dichloropropane	9.38	76	123389	51.61	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	286496	306.04	ug/l	99
59) 2-Hexanone	9.51	43	633530	273.50	ug/l	99
60) Dibromochloromethane	9.59	129	82105	52.61	ug/l	98
61) 1,2-Dibromoethane	9.68	107	82127	50.20	ug/l	99
64) Tetrachloroethene	9.34	164	75261	59.30	ug/l	98
65) Chlorobenzene	10.15	112	210726	52.08	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	75972	55.82	ug/l	99
67) Ethyl Benzene	10.26	91	373120	54.08	ug/l	98
68) m/p-Xylenes	10.37	106	295742	110.03	ug/l	100
69) o-Xylene	10.71	106	144487	55.34	ug/l	99
70) Styrene	10.72	104	244000	56.31	ug/l	99
71) Bromoform	10.87	173	66788	48.55	ug/l #	97
73) Isopropylbenzene	11.02	105	402572	53.59	ug/l	99
74) N-amyl acetate	6.48	43	190684	53.02	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	141153	52.78	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	125882m	56.12	ug/l	
77) Bromobenzene	11.26	156	99394	50.40	ug/l	99
78) n-propylbenzene	11.37	91	479653	52.95	ug/l	100
79) 2-Chlorotoluene	11.43	91	269846	52.49	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	352828	55.13	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	40927	49.53	ug/l	95
82) 4-Chlorotoluene	11.52	91	338338	53.55	ug/l	99
83) tert-Butylbenzene	11.78	119	335816	53.78	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	365433	55.54	ug/l	99
85) sec-Butylbenzene	11.96	105	432735	55.36	ug/l	99
86) p-Isopropyltoluene	12.07	119	391403	56.27	ug/l	100
87) 1,3-Dichlorobenzene	12.04	146	196739	50.84	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	206456	51.34	ug/l	98
89) n-Butylbenzene	12.40	91	366965	54.26	ug/l	99
90) Hexachloroethane	12.60	117	61432	55.06	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	197495	52.69	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	40601	56.08	ug/l	94

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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	137435	50.90	ug/l	99
94) Hexachlorobutadiene	13.79	225	57508	53.99	ug/l	97
95) Naphthalene	13.84	128	495473	52.88	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	139177	51.03	ug/l	99

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

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