

Data File : VX001046.D
Acq On : 21 Apr 2018 07:57
Operator : JC/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
4/23/2018 1:27:49 PM

Quant Time: Apr 23 01:00:19 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	225410	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	309549	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	298973	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	209295	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	138565	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	
35) Dibromofluoromethane	5.51	113	116778	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
50) Toluene-d8	8.72	98	422729	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	
62) 4-Bromofluorobenzene	11.14	95	175075	47.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.60%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	155147	55.50	ug/l	98
3) Chloromethane	1.32	50	132650	50.96	ug/l	99
4) Vinyl Chloride	1.41	62	138522	51.34	ug/l	100
5) Bromomethane	1.64	94	89353	58.94	ug/l	100
6) Chloroethane	1.73	64	82959	51.75	ug/l	99
7) Trichlorofluoromethane	1.93	101	208530	51.44	ug/l	99
8) Diethyl Ether	2.19	74	75633	50.52	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	118391	49.85	ug/l	99
10) Methyl Iodide	2.52	142	108503	46.86	ug/l	99
11) Tert butyl alcohol	3.07	59	110735	256.97	ug/l	99
12) 1,1-Dichloroethene	2.38	96	110926	50.51	ug/l	98
13) Acrolein	2.30	56	36542	271.22	ug/l	100
14) Allyl chloride	2.73	41	196640	49.47	ug/l	99
15) Acrylonitrile	3.15	53	284189	243.68	ug/l	99
16) Acetone	2.45	43	240918	223.91	ug/l	99
17) Carbon Disulfide	2.57	76	304196	48.60	ug/l	100
18) Methyl Acetate	2.78	43	180603	55.47	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	377101	51.08	ug/l	98
20) Methylene Chloride	2.86	84	120079	53.04	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	120698	49.37	ug/l	97
22) Diisopropyl ether	3.88	45	399203	51.89	ug/l	99
23) Vinyl Acetate	3.83	43	1586820	249.12	ug/l	100
24) 1,1-Dichloroethane	3.70	63	217062	50.30	ug/l	99
25) 2-Butanone	4.71	43	403055	239.97	ug/l	100
26) 2,2-Dichloropropane	4.59	77	140976	37.97	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	137827	50.61	ug/l	96
28) Bromochloromethane	5.03	49	90421	54.48	ug/l	97
29) Tetrahydrofuran	5.17	42	262505	247.32	ug/l	99
30) Chloroform	5.23	83	230177	51.50	ug/l	98
31) Cyclohexane	5.59	56	201332	49.98	ug/l	97
32) 1,1,1-Trichloroethane	5.51	97	209011	52.16	ug/l	100
36) 1,1-Dichloropropene	5.81	75	175021	48.11	ug/l	99
37) Ethyl Acetate	4.87	43	162447	48.68	ug/l	99
38) Carbon Tetrachloride	5.79	117	184736	50.15	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	203290	48.01	ug/l	98
40) Benzene	6.15	78	500518	49.49	ug/l	98
41) Methacrylonitrile	5.07	41	98057	47.06	ug/l	100
42) 1,2-Dichloroethane	6.21	62	191624	49.36	ug/l	100
43) Isopropyl Acetate	6.47	43	283621	49.54	ug/l	99
44) Trichloroethene	7.22	130	151607	49.07	ug/l	99
45) 1,2-Dichloropropane	7.52	63	128759	50.63	ug/l	97
46) Dibromomethane	7.67	93	88129	49.60	ug/l	100
47) Bromodichloromethane	7.91	83	169973	51.64	ug/l	98
48) Methyl methacrylate	7.78	41	151791	49.24	ug/l	99
49) 1,4-Dioxane	7.76	88	48408	1067.94	ug/l	100
51) 4-Methyl-2-Pentanone	8.66	43	875306	251.82	ug/l	100
52) Toluene	8.79	92	329903	49.98	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	196161	49.83	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	186225	50.17	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	131924	50.28	ug/l	99
56) Ethyl methacrylate	9.19	69	195783	50.81	ug/l	99
57) 1,3-Dichloropropane	9.38	76	215113	49.49	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	479898	255.18	ug/l	99
59) 2-Hexanone	9.51	43	647478	243.37	ug/l	99
60) Dibromochloromethane	9.59	129	145300	52.73	ug/l	100
61) 1,2-Dibromoethane	9.68	107	141794	51.21	ug/l	99
64) Tetrachloroethene	9.34	164	159328	50.18	ug/l	99
65) Chlorobenzene	10.15	112	391077	49.12	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	140643	51.47	ug/l	99
67) Ethyl Benzene	10.26	91	652469	49.35	ug/l	99
68) m/p-Xylenes	10.37	106	513319	98.52	ug/l	99
69) o-Xylene	10.71	106	248016	49.37	ug/l	99
70) Styrene	10.72	104	419649	50.73	ug/l	100
71) Bromoform	10.87	173	117065	46.23	ug/l	99
73) Isopropylbenzene	11.02	105	676363	49.43	ug/l	99
74) N-amyl acetate	6.47	43	283621	48.46	ug/l	# 99
75) 1,1,2,2-Tetrachloroethane	11.27	83	193820	50.04	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	179485m	49.43	ug/l	
77) Bromobenzene	11.26	156	193752	48.78	ug/l	99
78) n-propylbenzene	11.37	91	768045	48.90	ug/l	100
79) 2-Chlorotoluene	11.43	91	454359	48.95	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	574193	49.51	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	45981	39.58	ug/l	95
82) 4-Chlorotoluene	11.52	91	545577	48.64	ug/l	100
83) tert-Butylbenzene	11.77	119	576442	49.26	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	594256	49.79	ug/l	99
85) sec-Butylbenzene	11.95	105	682352	48.86	ug/l	100
86) p-Isopropyltoluene	12.07	119	630669	48.81	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	361476	48.62	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	368607	48.30	ug/l	100
89) n-Butylbenzene	12.39	91	544621	47.38	ug/l	99
90) Hexachloroethane	12.60	117	94343	51.53	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	352332	48.95	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	41645	51.32	ug/l	97

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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	285831	47.30	ug/l	99
94) Hexachlorobutadiene	13.79	225	118045	43.17	ug/l	99
95) Naphthalene	13.84	128	742314	49.95	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	276842	47.37	ug/l	100

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

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