Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN061618\
Data File : VN049284.D
Acq On : 16 Jun 2018 2:34
Operator : MD\SY
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VSTDCCC050

Manual Integrations APPROVED
MMDadoda
6/18/2018 3:16:16 PM

Quant Time: Jun 16 05:18:26 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1469739	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2170574	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1978558	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1019940	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	980237	50.28	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.56%			
35) Dibromofluoromethane	7.59	113	901085	51.31	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.62%			
50) Toluene-d8	10.09	98	3415815	51.08	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.16%			
62) 4-Bromofluorobenzene	12.40	95	1142570	51.68	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.36%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	754933	44.63	ug/l	100
3) Chloromethane	2.06	50	953754	43.66	ug/l	97
4) Vinyl Chloride	2.18	62	1053271	45.37	ug/l	99
5) Bromomethane	2.56	94	532563	43.64	ug/l	96
6) Chloroethane	2.70	64	666576	48.15	ug/l	100
7) Trichlorofluoromethane	3.02	101	1369086	47.27	ug/l	100
8) Diethyl Ether	3.41	74	473202	46.80	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.76	101	853959	46.49	ug/l	93
10) Methyl Iodide	3.95	142	1045053	54.65	ug/l	92
11) Tert butyl alcohol	4.80	59	236344	206.57	ug/l	99
12) 1,1-Dichloroethene	3.73	96	781817	46.39	ug/l	90
13) Acrolein	3.61	56	271053	225.91	ug/l	100
14) Allyl chloride	4.32	41	1259696	47.34	ug/l	88
15) Acrylonitrile	4.99	53	1348398	235.69	ug/l	98
16) Acetone	3.82	43	940235m	198.65	ug/l	
17) Carbon Disulfide	4.05	76	2336759	44.24	ug/l	100
18) Methyl Acetate	4.33	43	663394	45.97	ug/l	95
19) Methyl tert-butyl Ether	5.05	73	2086377	48.56	ug/l	99
20) Methylene Chloride	4.55	84	910481	46.06	ug/l	92
21) trans-1,2-Dichloroethene	5.04	96	842534	47.22	ug/l	95
22) Diisopropyl ether	5.96	45	2675813	50.36	ug/l	96
23) Vinyl Acetate	5.90	43	8631293	249.17	ug/l	95
24) 1,1-Dichloroethane	5.85	63	1628070	47.87	ug/l	98
25) 2-Butanone	6.84	43	1390133	218.73	ug/l	96
26) 2,2-Dichloropropane	6.82	77	1133217	41.26	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	973245	49.07	ug/l	90
28) Bromochloromethane	7.20	49	748746	49.66	ug/l	85
29) Tetrahydrofuran	7.22	42	948164	231.77	ug/l	94
30) Chloroform	7.37	83	1638128	48.40	ug/l	99
31) Cyclohexane	7.65	56	1414273	49.05	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	1412193	48.90	ug/l	96
36) 1,1-Dichloropropene	7.79	75	1257397	50.54	ug/l	98
37) Ethyl Acetate	6.93	43	663483	49.06	ug/l	96
38) Carbon Tetrachloride	7.77	117	1264928	49.11	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.08	83	1286101	48.16	ug/l		97
40) Benzene	8.04	78	3733488	48.95	ug/l		99
41) Methacrylonitrile	7.18	41	336086	45.97	ug/l	#	100
42) 1,2-Dichloroethane	8.13	62	1159379	49.20	ug/l		96
43) Isopropyl Acetate	8.17	43	1280094	49.54	ug/l		97
44) Trichloroethene	8.84	130	984949	48.90	ug/l		93
45) 1,2-Dichloropropane	9.12	63	999507	50.05	ug/l		100
46) Dibromomethane	9.21	93	565732	48.86	ug/l		92
47) Bromodichloromethane	9.40	83	1266420	49.77	ug/l		98
48) Methyl methacrylate	9.20	41	608167	49.98	ug/l		87
49) 1,4-Dioxane	9.20	88	155230	924.30	ug/l		93
51) 4-Methyl-2-Pentanone	9.99	43	3302023	243.82	ug/l		95
52) Toluene	10.16	92	2313189	51.68	ug/l		97
53) t-1,3-Dichloropropene	10.38	75	1183348	48.61	ug/l		100
54) cis-1,3-Dichloropropene	9.84	75	1411757	49.12	ug/l	#	89
55) 1,1,2-Trichloroethane	10.56	97	806490	48.33	ug/l		97
56) Ethyl methacrylate	10.43	69	963501	50.05	ug/l	#	87
57) 1,3-Dichloropropane	10.71	76	1373362	49.68	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.70	63	1523663	223.02	ug/l		94
59) 2-Hexanone	10.75	43	2070872	237.18	ug/l		94
60) Dibromochloromethane	10.90	129	926381	49.74	ug/l		100
61) 1,2-Dibromoethane	11.01	107	757432	48.83	ug/l		100
64) Tetrachloroethene	10.63	164	993111	48.98	ug/l		99
65) Chlorobenzene	11.44	112	2491308	48.88	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.51	131	942818	49.15	ug/l		98
67) Ethyl Benzene	11.51	91	4335082	51.28	ug/l		98
68) m/p-Xylenes	11.62	106	3348182	105.53	ug/l		97
69) o-Xylene	11.95	106	1612357	52.76	ug/l		95
70) Styrene	11.97	104	2623642	54.42	ug/l		97
71) Bromoform	12.13	173	613353	49.40	ug/l	#	99
73) Isopropylbenzene	12.25	105	4299791	48.01	ug/l		98
74) N-amyl acetate	12.07	43	1001929	45.68	ug/l		92
75) 1,1,2,2-Tetrachloroethane	12.51	83	934646	50.77	ug/l		99
76) 1,2,3-Trichloropropane	12.56	75	751963m	43.21	ug/l		
77) Bromobenzene	12.53	156	1049344	44.36	ug/l		91
78) n-propylbenzene	12.59	91	4857555	49.40	ug/l		98
79) 2-Chlorotoluene	12.68	91	2939712	47.18	ug/l		97
80) 1,3,5-Trimethylbenzene	12.73	105	3515252	49.94	ug/l		97
81) trans-1,4-Dichloro-2-buten	12.30	75	233175	42.35	ug/l		92
82) 4-Chlorotoluene	12.77	91	2900205	48.25	ug/l		97
83) tert-Butylbenzene	12.99	119	2971492	47.65	ug/l		97
84) 1,2,4-Trimethylbenzene	13.04	105	3530120	50.48	ug/l		98
85) sec-Butylbenzene	13.17	105	3982467	47.98	ug/l		99
86) p-Isopropyltoluene	13.29	119	3415810	49.26	ug/l		98
87) 1,3-Dichlorobenzene	13.28	146	1850158	47.54	ug/l		99
88) 1,4-Dichlorobenzene	13.36	146	1779838	46.15	ug/l		100
89) n-Butylbenzene	13.62	91	2641139	48.76	ug/l		98
90) Hexachloroethane	13.88	117	672744	51.31	ug/l		90
91) 1,2-Dichlorobenzene	13.66	146	1805527	47.31	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	129762	41.62	ug/l		86

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	698245	40.87 ug/l	99
94) Hexachlorobutadiene	15.01	225	540030	48.28 ug/l	98
95) Naphthalene	15.14	128	1322128	43.63 ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	719480	42.62 ug/l	99

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

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