Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050118\
Data File : BG034104.D
Acq On : 2 May 2018 7:23
Operator : SJ/JU
Sample : J2133-09
Misc : 1PPM MDL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2018

Manual Integrations APPROVED
Sohil
5/2/2018 4:51:00 PM

Quant Time: May 02 08:16:32 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 01 19:08:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	62152	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	252389	20.00	ng		0.00
38) Acenaphthene-d10	14.72	164	198013	20.00	ng		0.00
63) Phenanthrene-d10	17.47	188	546523	20.00	ng		0.00
75) Chrysene-d12	21.77	240	642069	20.00	ng		0.00
86) Perylene-d12	25.06	264	606167	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	539503	140.24	ng		0.00
7) Phenol-d6	7.23	99	777046	129.75	ng		0.00
23) Nitrobenzene-d5	9.24	82	560493	85.21	ng		0.00
41) 2,4,6-Tribromophenol	16.21	330	388188	141.58	ng		0.00
44) 2-Fluorobiphenyl	13.35	172	1165350	85.76	ng		0.00
78) Terphenyl-d14	20.09	244	2322540	79.24	ng		0.00
Target Compounds							Qvalue
6) Aniline	7.41	93	7322	0.899	ng	#	83
8) 2-Chlorophenol	7.64	128	4403	1.147	ng		79
9) Benzaldehyde	7.21	77	6152	0.203	ng	#	77
10) Phenol	7.25	94	6623	1.096	ng	#	15
11) bis(2-Chloroethyl)ether	7.50	93	5109	1.074	ng	#	73
12) 1,3-Dichlorobenzene	7.97	146	4308	0.887	ng	#	79
13) 1,4-Dichlorobenzene	8.11	146	5512	1.143	ng		94
14) 1,2-Dichlorobenzene	8.43	146	5253m	1.147	ng		
15) Benzyl Alcohol	8.31	79	5807	0.909	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.61	45	7686	1.175	ng		78
18) Hexachloroethane	9.16	117	2207	1.076	ng	#	51
24) Nitrobenzene	9.29	77	7259	1.008	ng	#	81
31) Naphthalene	10.94	128	14026	1.057	ng	#	96
34) Hexachlorobutadiene	11.23	225	5166	1.097	ng		91
37) 2-Methylnaphthalene	12.55	142	10599	0.985	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	8257	1.078	ng	#	33
45) 1,1'-Biphenyl	13.55	154	19935	1.289	ng		90
46) 2-Chloronaphthalene	13.59	162	11494	0.981	ng	#	90
47) 2-Nitroaniline	13.79	65	4451	0.951	ng	#	74
48) Acenaphthylene	14.44	152	18233	0.975	ng	#	82
49) Dimethylphthalate	14.16	163	18315	1.067	ng	#	93
50) 2,6-Dinitrotoluene	14.28	165	2493	0.756	ng	#	84
51) Acenaphthene	14.79	154	12916	1.016	ng	#	84
54) Dibenzofuran	15.12	168	19151	1.040	ng		98
57) Fluorene	15.77	166	17606	1.096	ng	#	88
58) 2,3,4,6-Tetrachlorophenol	15.34	232	4332	0.851	ng	#	60
59) Diethylphthalate	15.54	149	18414	1.013	ng	#	94
62) Azobenzene	16.06	77	19608	0.999	ng		89
65) n-Nitrosodiphenylamine	15.97	169	13194	0.885	ng		93
66) 4-Bromophenyl-phenylether	16.66	248	6973	1.028	ng		84
67) Hexachlorobenzene	16.77	284	6271	0.910	ng	#	84
68) Atrazine	16.92	200	5291	1.490	ng		96
70) Phenanthrene	17.51	178	29473m	1.050	ng		
71) Anthracene	17.60	178	28635	1.006	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
72) Carbazole	17.87	167	26160	1.004	ng	#	93
73) Di-n-butylphthalate	18.45	149	32172	1.026	ng	#	97
74) Fluoranthene	19.52	202	40835	1.151	ng		86
77) Pyrene	19.88	202	38713	0.962	ng	#	92
79) Butylbenzylphthalate	20.79	149	13942	0.888	ng		91
80) Benzo(a)anthracene	21.75	228	44352m	1.078	ng		
82) Chrysene	21.81	228	40770	1.035	ng		94
83) Bis(2-ethylhexyl)phthalate	21.68	149	19970	0.924	ng	#	95
84) Di-n-octyl phthalate	22.93	149	28458	0.824	ng	#	86
85) Indeno(1,2,3-cd)pyrene	28.79	276	34977m	0.807	ng		
87) Benzo(b)fluoranthene	24.01	252	39338	1.027	ng	#	87
88) Benzo(k)fluoranthene	24.08	252	38523	1.053	ng	#	85
89) Benzo(a)pyrene	24.90	252	35030	0.978	ng	#	90
90) Dibenzo(a,h)anthracene	28.89	278	30908m	0.915	ng		
91) Benzo(g,h,i)perylene	29.99	276	29847m	0.897	ng		

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

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