Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032818\
Data File : BG033410.D
Acq On : 29 Mar 2018 7:35
Operator : SJ/JU
Sample : J1749-06MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BU-03-032618MS

Manual Integrations APPROVED
Sohil
3/29/2018 5:39:17 PM

Quant Time: Mar 29 11:52:20 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 28 18:34:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	42778	20.00	ng		-0.01
21) Naphthalene-d8	11.75	136	178207	20.00	ng		0.00
38) Acenaphthene-d10	15.49	164	128053	20.00	ng		0.00
63) Phenanthrene-d10	18.21	188	326690	20.00	ng		0.00
75) Chrysene-d12	22.56	240	334071	20.00	ng		0.00
86) Perylene-d12	26.33	264	373231	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.30	112	358416	157.11	ng		0.00
7) Phenol-d6	7.99	99	527374	134.54	ng		0.01
23) Nitrobenzene-d5	10.07	82	374315	96.50	ng		0.00
41) 2,4,6-Tribromophenol	16.96	330	304459	158.97	ng		0.00
44) 2-Fluorobiphenyl	14.11	172	904017	101.92	ng		0.00
78) Terphenyl-d14	20.73	244	1591981	101.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.94	88	43744	37.757	ng	#	87
3) Pyridine	4.41	79	81696	25.509	ng		99
4) n-Nitrosodimethylamine	4.30	42	68324	51.985	ng	#	86
6) Aniline	8.16	93	33090	7.178	ng	#	85
8) 2-Chlorophenol	8.42	128	146669	56.237	ng		96
9) Benzaldehyde	7.97	77	15911m	6.387	ng		
10) Phenol	8.02	94	188756	48.773	ng		91
11) bis(2-Chloroethyl)ether	8.25	93	127210	40.270	ng		98
12) 1,3-Dichlorobenzene	8.75	146	149259	43.774	ng		96
13) 1,4-Dichlorobenzene	8.90	146	153480	44.945	ng		98
14) 1,2-Dichlorobenzene	9.23	146	152849	45.861	ng		99
15) Benzyl Alcohol	9.11	79	142420	46.147	ng		90
16) 2,2'-oxybis(1-Chloropropan	9.38	45	229620	44.589	ng		88
17) 2-Methylphenol	9.31	107	133371m	50.588	ng		
18) Hexachloroethane	9.99	117	59851	45.411	ng		91
19) n-Nitroso-di-n-propylamine	9.68	70	133093	46.337	ng		97
20) 3+4-Methylphenols	9.65	107	183705	48.939	ng		89
22) Acetophenone	9.71	105	244981	50.178	ng	#	98
24) Nitrobenzene	10.12	77	201338	48.495	ng		93
25) Isophorone	10.63	82	385256	51.176	ng		99
26) 2-Nitrophenol	10.83	139	82885	52.732	ng	#	84
27) 2,4-Dimethylphenol	10.88	122	152278	66.690	ng		88
28) bis(2-Chloroethoxy)methane	11.11	93	195259	51.984	ng		96
29) 2,4-Dichlorophenol	11.39	162	170304	60.647	ng		99
30) 1,2,4-Trichlorobenzene	11.60	180	172036	47.154	ng		97
31) Naphthalene	11.80	128	468350	50.716	ng		98
32) Benzoic acid	11.01	122	22046	10.386	ng	#	76
33) 4-Chloroaniline	11.90	127	15875	3.837	ng	#	92
34) Hexachlorobutadiene	12.06	225	128272	46.492	ng		97
35) Caprolactam	12.66	113	45293	41.171	ng		97
36) 4-Chloro-3-methylphenol	12.97	107	202721	55.350	ng		94
37) 2-Methylnaphthalene	13.36	142	350697	48.927	ng		91
39) 1,2,4,5-Tetrachlorobenzene	13.71	216	237138	51.125	ng		99
40) Hexachlorocyclopentadiene	13.68	237	235108	86.464	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.94	196	161201	59.816	ng		97
43) 2,4,5-Trichlorophenol	14.02	196	183196	57.511	ng		98
45) 1,1'-Biphenyl	14.32	154	498882	50.710	ng		95
46) 2-Chloronaphthalene	14.38	162	382908	50.478	ng		97
47) 2-Nitroaniline	14.58	65	154600	54.413	ng		97
48) Acenaphthylene	15.22	152	622825	49.189	ng		99
49) Dimethylphthalate	14.91	163	574780	51.577	ng		99
50) 2,6-Dinitrotoluene	15.05	165	123039	53.996	ng		97
51) Acenaphthene	15.55	154	425889	52.177	ng		94
52) 3-Nitroaniline	15.39	138	28242	11.822	ng	#	98
53) 2,4-Dinitrophenol	15.58	184	63443	56.271	ng	#	81
54) Dibenzofuran	15.88	168	632308	52.444	ng		92
55) 4-Nitrophenol	15.68	139	156741	93.307	ng	#	89
56) 2,4-Dinitrotoluene	15.82	165	178526	53.211	ng		96
57) Fluorene	16.52	166	527642	51.370	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.10	232	171943	57.337	ng		97
59) Diethylphthalate	16.25	149	559061	51.664	ng		95
60) 4-Chlorophenyl-phenylether	16.49	204	307485	52.076	ng		98
61) 4-Nitroaniline	16.54	138	97401	40.262	ng	#	81
62) Azobenzene	16.79	77	542871	51.789	ng		97
64) 4,6-Dinitro-2-methylphenol	16.58	198	67141	34.355	ng		93
65) n-Nitrosodiphenylamine	16.71	169	477862	51.237	ng		98
66) 4-Bromophenyl-phenylether	17.39	248	205332	53.518	ng		94
67) Hexachlorobenzene	17.52	284	210861	52.076	ng		95
68) Atrazine	17.63	200	185767	49.154	ng		97
69) Pentachlorophenol	17.86	266	229150	82.455	ng		98
70) Phenanthrene	18.26	178	866553	50.932	ng		98
71) Anthracene	18.35	178	899744	52.228	ng		98
72) Carbazole	18.61	167	765482	50.144	ng	#	97
73) Di-n-butylphthalate	19.10	149	912330	51.345	ng	#	98
74) Fluoranthene	20.21	202	1084984	51.532	ng		97
76) Benzidine	20.38	184	25591	2.825	ng		99
77) Pyrene	20.57	202	1075884	48.288	ng		98
79) Butylbenzylphthalate	21.43	149	427340	51.975	ng		94
80) Benzo(a)anthracene	22.54	228	1112287	52.288	ng		99
81) 3,3'-Dichlorobenzidine	22.43	252	75284	9.945	ng	#	97
82) Chrysene	22.62	228	1053882	51.180	ng		98
83) Bis(2-ethylhexyl)phthalate	22.36	149	570374	50.324	ng		98
84) Di-n-octyl phthalate	23.76	149	1011720	58.299	ng		96
85) Indeno(1,2,3-cd)pyrene	30.72	276	1249225	56.111	ng	#	77
87) Benzo(b)fluoranthene	25.12	252	1083567	50.250	ng	#	97
88) Benzo(k)fluoranthene	25.21	252	1130517	51.838	ng	#	95
89) Benzo(a)pyrene	26.16	252	1101313	53.183	ng	#	96
90) Dibenzo(a,h)anthracene	30.80	278	1071011	54.907	ng		96
91) Benzo(g,h,i)perylene	32.09	276	986429	51.069	ng	#	94

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

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