Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120617\
Data File : BG031379.D
Acq On : 6 Dec 2017 20:13
Operator : SJ/JU
Sample : I6718-03MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 2041MS

Manual Integrations APPROVED
Sohil
12/7/2017 11:37:26 AM

Quant Time: Dec 07 03:26:55 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 17:58:37 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	76156	20.00	ng		0.00
21) Naphthalene-d8	10.94	136	327047	20.00	ng		0.00
38) Acenaphthene-d10	14.75	164	215585	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	521566	20.00	ng		0.00
75) Chrysene-d12	21.77	240	556319	20.00	ng		0.00
86) Perylene-d12	25.06	264	550485	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	456285	102.74	ng		0.00
7) Phenol-d6	7.30	99	555356	92.82	ng		0.00
23) Nitrobenzene-d5	9.30	82	390159	70.69	ng		0.00
41) 2,4,6-Tribromophenol	16.24	330	281165	80.62	ng		0.00
44) 2-Fluorobiphenyl	13.37	172	1083979	72.25	ng		0.00
78) Terphenyl-d14	20.08	244	1816689	72.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	57138	31.703	ng	#	81
3) Pyridine	3.96	79	166602	31.841	ng		92
4) n-Nitrosodimethylamine	3.86	42	80640	32.519	ng	#	93
6) Aniline	7.45	93	229019	29.085	ng		94
8) 2-Chlorophenol	7.70	128	185517	37.852	ng		90
9) Benzaldehyde	7.27	77	65490	15.641	ng		84
10) Phenol	7.32	94	209068	33.647	ng		93
11) bis(2-Chloroethyl)ether	7.54	93	178691	36.017	ng		91
12) 1,3-Dichlorobenzene	8.02	146	201898	35.111	ng		96
13) 1,4-Dichlorobenzene	8.16	146	205992	35.351	ng		93
14) 1,2-Dichlorobenzene	8.48	146	195058	34.876	ng		98
15) Benzyl Alcohol	8.37	79	162067	33.769	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.65	45	265371	48.425	ng		92
17) 2-Methylphenol	8.58	107	158433	36.616	ng		98
18) Hexachloroethane	9.21	117	71115	35.065	ng		92
19) n-Nitroso-di-n-propylamine	8.93	70	143028	31.439	ng	#	96
20) 3+4-Methylphenols	8.91	107	218958	35.587	ng		95
22) Acetophenone	8.95	105	273090	33.536	ng	#	94
24) Nitrobenzene	9.34	77	212329	37.661	ng		91
25) Isophorone	9.86	82	402953	37.436	ng	#	92
26) 2-Nitrophenol	10.06	139	107323	36.520	ng	#	89
27) 2,4-Dimethylphenol	10.11	122	186223	42.685	ng		92
28) bis(2-Chloroethoxy)methane	10.33	93	251566	37.108	ng		94
29) 2,4-Dichlorophenol	10.60	162	210742	40.226	ng		89
30) 1,2,4-Trichlorobenzene	10.80	180	232566	37.183	ng		97
31) Naphthalene	10.99	128	591287	36.778	ng		99
33) 4-Chloroaniline	11.11	127	106379	15.115	ng		95
34) Hexachlorobutadiene	11.27	225	151092	34.832	ng		94
35) Caprolactam	11.88	113	55558m	25.960	ng		
36) 4-Chloro-3-methylphenol	12.23	107	209528	36.747	ng		87
37) 2-Methylnaphthalene	12.59	142	462366	37.254	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	284837	33.289	ng		97
40) Hexachlorocyclopentadiene	12.93	237	247296	78.392	ng		91
42) 2,4,6-Trichlorophenol	13.19	196	182065	37.221	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.28	196	194118	36.271	ng	#	93
45) 1,1'-Biphenyl	13.58	154	605509	33.871	ng		97
46) 2-Chloronaphthalene	13.64	162	495202	38.392	ng		97
47) 2-Nitroaniline	13.84	65	137454	35.954	ng	#	78
48) Acenaphthylene	14.48	152	744745	35.278	ng		98
49) Dimethylphthalate	14.20	163	653604	35.064	ng		98
50) 2,6-Dinitrotoluene	14.33	165	148460	38.641	ng	#	79
51) Acenaphthene	14.82	154	465466	35.304	ng		99
52) 3-Nitroaniline	14.66	138	104738	25.674	ng	#	76
53) 2,4-Dinitrophenol	14.89	184	28648	18.425	ng	#	54
54) Dibenzofuran	15.15	168	771251	36.725	ng		99
55) 4-Nitrophenol	14.99	139	151600	52.167	ng	#	80
56) 2,4-Dinitrotoluene	15.12	165	208221	37.488	ng	#	73
57) Fluorene	15.79	166	612425	35.920	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.38	232	183601	35.995	ng	#	89
59) Diethylphthalate	15.55	149	645834	34.109	ng		98
60) 4-Chlorophenyl-phenylether	15.78	204	370297	35.961	ng		92
61) 4-Nitroaniline	15.82	138	150888	34.929	ng		88
62) Azobenzene	16.07	77	532866	36.901	ng		94
64) 4,6-Dinitro-2-methylphenol	15.89	198	47772	13.780	ng		75
65) n-Nitrosodiphenylamine	16.00	169	567625	35.915	ng		99
66) 4-Bromophenyl-phenylether	16.67	248	239641	36.277	ng		98
67) Hexachlorobenzene	16.80	284	244089	34.775	ng		98
68) Atrazine	16.94	200	233451	35.800	ng		96
69) Pentachlorophenol	17.15	266	145082	37.393	ng		98
70) Phenanthrene	17.54	178	1025256	37.754	ng		99
71) Anthracene	17.62	178	1052059	38.663	ng		99
72) Carbazole	17.89	167	947739	37.172	ng		100
73) Di-n-butylphthalate	18.43	149	1090717	34.842	ng		99
74) Fluoranthene	19.53	202	1307607	38.030	ng		98
76) Benzidine	19.71	184	203917	11.411	ng		97
77) Pyrene	19.90	202	1333009	40.380	ng		98
79) Butylbenzylphthalate	20.76	149	502710	38.193	ng		86
80) Benzo(a)anthracene	21.74	228	1317811	38.135	ng		99
81) 3,3'-Dichlorobenzidine	21.65	252	331727	23.781	ng		96
82) Chrysene	21.81	228	1246159	38.984	ng		97
83) Bis(2-ethylhexyl)phthalate	21.62	149	708545	37.292	ng		99
84) Di-n-octyl phthalate	22.85	149	1185756	38.344	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.85	276	1402593	36.093	ng		99
87) Benzo(b)fluoranthene	24.01	252	1298846	39.006	ng		99
88) Benzo(k)fluoranthene	24.08	252	1271372	38.520	ng		98
89) Benzo(a)pyrene	24.91	252	1252769	39.603	ng		99
90) Dibenzo(a,h)anthracene	28.90	278	1164939	36.030	ng		98
91) Benzo(g,h,i)perylene	30.04	276	1173280	37.388	ng		97

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

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