Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG030618\
Data File : BG033022.D
Acq On : 6 Mar 2018 14:59
Operator : SJ/JU
Sample : PB107075BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB107075BSD

Manual Integrations APPROVED
Sohil
3/7/2018 12:10:59 PM

Quant Time: Mar 06 17:55:40 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 06 17:38:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	57433	20.00	ng		0.00
21) Naphthalene-d8	11.80	136	268990	20.00	ng		0.00
38) Acenaphthene-d10	15.53	164	162645	20.00	ng		0.00
63) Phenanthrene-d10	18.26	188	376545	20.00	ng		0.00
75) Chrysene-d12	22.61	240	341474	20.00	ng		0.00
86) Perylene-d12	26.40	264	368592	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.32	112	324545	90.41	ng		0.00
7) Phenol-d6	8.01	99	444289	88.79	ng		0.00
23) Nitrobenzene-d5	10.11	82	377076	95.85	ng		0.00
41) 2,4,6-Tribromophenol	17.00	330	160330	93.75	ng		0.00
44) 2-Fluorobiphenyl	14.16	172	839027	74.40	ng		0.00
78) Terphenyl-d14	20.77	244	1180319	77.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.96	88	48030	30.828	ng		98
3) Pyridine	4.42	79	143734	33.472	ng		96
4) n-Nitrosodimethylamine	4.32	42	77878	45.235	ng	#	87
6) Aniline	8.20	93	132712	19.594	ng		98
8) 2-Chlorophenol	8.46	128	166569	42.391	ng		94
9) Benzaldehyde	8.00	77	51177	17.746	ng		91
10) Phenol	8.03	94	216695	42.960	ng		94
11) bis(2-Chloroethyl)ether	8.29	93	147833	35.842	ng		97
12) 1,3-Dichlorobenzene	8.80	146	158307	34.398	ng		98
13) 1,4-Dichlorobenzene	8.94	146	158364	34.185	ng		98
14) 1,2-Dichlorobenzene	9.28	146	151895	34.216	ng		95
15) Benzyl Alcohol	9.14	79	147105	39.990	ng		93
16) 2,2'-oxybis(1-Chloropropan	9.43	45	280967	39.626	ng		99
17) 2-Methylphenol	9.34	107	146666	39.431	ng		96
18) Hexachloroethane	10.04	117	59105	37.472	ng	#	83
19) n-Nitroso-di-n-propylamine	9.72	70	125984	35.664	ng	#	90
20) 3+4-Methylphenols	9.67	107	200670	38.801	ng		94
22) Acetophenone	9.76	105	232092	34.165	ng	#	99
24) Nitrobenzene	10.15	77	179105	42.583	ng		94
25) Isophorone	10.68	82	342922	36.321	ng	#	94
26) 2-Nitrophenol	10.88	139	88035	55.152	ng		96
27) 2,4-Dimethylphenol	10.91	122	179800	43.838	ng		91
28) bis(2-Chloroethoxy)methane	11.15	93	208047	37.826	ng		95
29) 2,4-Dichlorophenol	11.42	162	157789	42.388	ng		96
30) 1,2,4-Trichlorobenzene	11.65	180	144610	33.141	ng		98
31) Naphthalene	11.85	128	493369	35.101	ng		99
32) Benzoic acid	11.01	122	103523	42.728	ng	#	85
33) 4-Chloroaniline	11.93	127	126052	20.057	ng		96
34) Hexachlorobutadiene	12.11	225	80453	32.871	ng		98
35) Caprolactam	12.69	113	67005	44.954	ng		93
36) 4-Chloro-3-methylphenol	13.00	107	199047	45.950	ng		91
37) 2-Methylnaphthalene	13.40	142	372622	36.643	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.75	216	156708	32.457	ng	#	96
40) Hexachlorocyclopentadiene	13.72	237	188007	76.407	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.97	196	124884	41.015	ng		99
43) 2,4,5-Trichlorophenol	14.04	196	138832	39.396	ng	#	94
45) 1,1'-Biphenyl	14.37	154	476762	33.545	ng		96
46) 2-Chloronaphthalene	14.43	162	360868	33.990	ng		98
47) 2-Nitroaniline	14.61	65	139955	51.396	ng		94
48) Acenaphthylene	15.26	152	607923	34.974	ng		99
49) Dimethylphthalate	14.95	163	491783	35.610	ng		99
50) 2,6-Dinitrotoluene	15.08	165	111544	48.651	ng		92
51) Acenaphthene	15.59	154	401938	37.130	ng		98
52) 3-Nitroaniline	15.41	138	85137	32.919	ng	#	87
53) 2,4-Dinitrophenol	15.61	184	67697	89.618	ng	#	19
54) Dibenzofuran	15.92	168	568395	36.875	ng		92
55) 4-Nitrophenol	15.68	139	180579	79.863	ng		87
56) 2,4-Dinitrotoluene	15.85	165	156747	56.090	ng	#	90
57) Fluorene	16.56	166	464511	36.512	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.13	232	124191m	45.391	ng		
59) Diethylphthalate	16.29	149	536524	36.834	ng		97
60) 4-Chlorophenyl-phenylether	16.53	204	231092	37.132	ng		92
61) 4-Nitroaniline	16.56	138	120803	41.245	ng		86
62) Azobenzene	16.83	77	492183	37.770	ng		97
64) 4,6-Dinitro-2-methylphenol	16.61	198	61856	53.778	ng		94
65) n-Nitrosodiphenylamine	16.75	169	434384	35.461	ng		98
66) 4-Bromophenyl-phenylether	17.43	248	139503	35.037	ng	#	88
67) Hexachlorobenzene	17.56	284	146161	33.970	ng	#	91
68) Atrazine	17.66	200	152747	37.883	ng		95
69) Pentachlorophenol	17.89	266	186649	68.869	ng		98
70) Phenanthrene	18.30	178	753488	35.868	ng		98
71) Anthracene	18.38	178	769914	36.505	ng		99
72) Carbazole	18.64	167	715774	34.432	ng	#	98
73) Di-n-butylphthalate	19.14	149	901965	35.367	ng		99
74) Fluoranthene	20.25	202	842460	36.304	ng		95
76) Benzidine	20.40	184	239805	20.602	ng		98
77) Pyrene	20.61	202	847052	35.175	ng		97
79) Butylbenzylphthalate	21.46	149	423829	39.697	ng		95
80) Benzo(a)anthracene	22.59	228	818028	37.358	ng		100
81) 3,3'-Dichlorobenzidine	22.47	252	185772	22.907	ng	#	93
82) Chrysene	22.66	228	760786	36.371	ng		98
83) Bis(2-ethylhexyl)phthalate	22.41	149	610191	38.610	ng		96
84) Di-n-octyl phthalate	23.82	149	1038222	43.099	ng		99
85) Indeno(1,2,3-cd)pyrene	30.82	276	885663	36.306	ng		96
87) Benzo(b)fluoranthene	25.18	252	807331	37.044	ng	#	97
88) Benzo(k)fluoranthene	25.26	252	806380	37.230	ng	#	95
89) Benzo(a)pyrene	26.23	252	792680	38.240	ng	#	96
90) Dibenzo(a,h)anthracene	30.90	278	715542	34.294	ng	#	95
91) Benzo(g,h,i)perylene	32.21	276	733065	35.641	ng	#	94

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

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