Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042518\
Data File : BG033994.D
Acq On : 25 Apr 2018 19:46
Operator : SJ/JU
Sample : PB108550BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB108550BS

Manual Integrations APPROVED
Sohil
4/26/2018 6:16:41 PM

Quant Time: Apr 26 06:54:13 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 13:56:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	63618	20.00	ng		0.00
21) Naphthalene-d8	10.61	136	299233	20.00	ng		-0.01
38) Acenaphthene-d10	14.46	164	210248	20.00	ng		-0.01
63) Phenanthrene-d10	17.21	188	523383	20.00	ng		-0.01
75) Chrysene-d12	21.47	240	559780	20.00	ng		-0.02
86) Perylene-d12	24.53	264	576473	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	465211	116.75	ng		0.00
7) Phenol-d6	7.00	99	635757	109.39	ng		0.00
23) Nitrobenzene-d5	8.98	82	378709	72.02	ng		0.00
41) 2,4,6-Tribromophenol	15.95	330	295478	120.46	ng		-0.01
44) 2-Fluorobiphenyl	13.08	172	1021016	71.34	ng		-0.02
78) Terphenyl-d14	19.84	244	1764257	70.81	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	42504	25.243	ng	#	87
3) Pyridine	3.79	79	126503	25.967	ng		94
4) n-Nitrosodimethylamine	3.72	42	69796	31.447	ng	#	88
6) Aniline	7.16	93	183512	23.621	ng		97
8) 2-Chlorophenol	7.39	128	167179	37.443	ng		92
9) Benzaldehyde	6.97	77	71412	20.046	ng		96
10) Phenol	7.02	94	218138	36.637	ng		98
11) bis(2-Chloroethyl)ether	7.26	93	145872	32.033	ng		95
12) 1,3-Dichlorobenzene	7.72	146	163253	31.762	ng		97
13) 1,4-Dichlorobenzene	7.86	146	167078	32.094	ng		97
14) 1,2-Dichlorobenzene	8.18	146	158447	31.297	ng		94
15) Benzyl Alcohol	8.06	79	165728	32.701	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.35	45	248785	28.011	ng		96
17) 2-Methylphenol	8.26	107	152656	34.599	ng		96
18) Hexachloroethane	8.90	117	57305	30.124	ng		99
19) n-Nitroso-di-n-propylamine	8.63	70	141404	28.542	ng	#	97
20) 3+4-Methylphenols	8.59	107	212086	33.081	ng		95
22) Acetophenone	8.64	105	249688	30.658	ng	#	96
24) Nitrobenzene	9.02	77	192110	33.529	ng		90
25) Isophorone	9.54	82	374857	31.710	ng		95
26) 2-Nitrophenol	9.73	139	95603	42.229	ng		91
27) 2,4-Dimethylphenol	9.79	122	176675	41.722	ng		96
28) bis(2-Chloroethoxy)methane	10.03	93	222464	35.607	ng		96
29) 2,4-Dichlorophenol	10.26	162	191700	40.610	ng		94
30) 1,2,4-Trichlorobenzene	10.47	180	179994	34.044	ng		99
31) Naphthalene	10.66	128	500990	32.557	ng		98
32) Benzoic acid	9.91	122	127481	32.090	ng	#	84
33) 4-Chloroaniline	10.77	127	153749	21.257	ng		95
34) Hexachlorobutadiene	10.95	225	106030	33.523	ng		97
35) Caprolactam	11.54	113	70314m	35.035	ng		
36) 4-Chloro-3-methylphenol	11.89	107	204933	35.569	ng	#	90
37) 2-Methylnaphthalene	12.28	142	401125	34.048	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.65	216	238664	34.185	ng		98
40) Hexachlorocyclopentadiene	12.63	237	302517	78.806	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.88	196	168237	39.523	ng		93
43) 2,4,5-Trichlorophenol	12.95	196	182139	37.220	ng		97
45) 1,1'-Biphenyl	13.29	154	557754	32.772	ng		99
46) 2-Chloronaphthalene	13.33	162	420987	32.622	ng		98
47) 2-Nitroaniline	13.53	65	140376	34.839	ng		89
48) Acenaphthylene	14.18	152	679983	31.699	ng		99
49) Dimethylphthalate	13.92	163	588598	31.826	ng		99
50) 2,6-Dinitrotoluene	14.04	165	132662	37.851	ng	#	80
51) Acenaphthene	14.53	154	425208	31.554	ng		98
52) 3-Nitroaniline	14.36	138	99697	26.196	ng	#	83
53) 2,4-Dinitrophenol	14.57	184	85485	68.201	ng	#	60
54) Dibenzofuran	14.86	168	681222	34.098	ng		98
55) 4-Nitrophenol	14.67	139	239242	80.153	ng		88
56) 2,4-Dinitrotoluene	14.83	165	184491	39.584	ng	#	79
57) Fluorene	15.51	166	563928	32.620	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.09	232	181198	40.440	ng		97
59) Diethylphthalate	15.30	149	594367	30.404	ng		98
60) 4-Chlorophenyl-phenylether	15.51	204	310780	34.369	ng		97
61) 4-Nitroaniline	15.53	138	145472	36.001	ng		91
62) Azobenzene	15.80	77	522817	30.002	ng		97
64) 4,6-Dinitro-2-methylphenol	15.58	198	81387	34.417	ng		89
65) n-Nitrosodiphenylamine	15.73	169	501787	32.977	ng		98
66) 4-Bromophenyl-phenylether	16.41	248	197389	34.341	ng		95
67) Hexachlorobenzene	16.51	284	207565	33.862	ng		99
68) Atrazine	16.68	200	215331	36.123	ng		98
69) Pentachlorophenol	16.86	266	273019	64.842	ng		95
70) Phenanthrene	17.25	178	916359	32.637	ng		97
71) Anthracene	17.35	178	940434	33.493	ng		99
72) Carbazole	17.62	167	863719	31.885	ng		98
73) Di-n-butylphthalate	18.19	149	1048616	31.117	ng		99
74) Fluoranthene	19.27	202	1176707	34.646	ng		97
76) Benzidine	19.46	184	571892	37.833	ng		98
77) Pyrene	19.63	202	1172766	31.942	ng		95
79) Butylbenzylphthalate	20.55	149	498056	30.889	ng		90
80) Benzo(a)anthracene	21.45	228	1189911	33.710	ng		99
81) 3,3'-Dichlorobenzidine	21.37	252	296022	22.492	ng		99
82) Chrysene	21.51	228	1105550	32.798	ng		96
83) Bis(2-ethylhexyl)phthalate	21.39	149	687533	30.193	ng		97
84) Di-n-octyl phthalate	22.56	149	1176026	32.538	ng		98
85) Indeno(1,2,3-cd)pyrene	27.98	276	1351086	35.213	ng	#	93
87) Benzo(b)fluoranthene	23.56	252	1195776	34.002	ng		99
88) Benzo(k)fluoranthene	23.63	252	1155209	33.069	ng		98
89) Benzo(a)pyrene	24.39	252	1158298	34.390	ng		99
90) Dibenzo(a,h)anthracene	28.05	278	1122267	34.436	ng		98
91) Benzo(g,h,i)perylene	29.07	276	1117509	34.848	ng		99

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

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