Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040618\
Data File : BG033668.D
Acq On : 7 Apr 2018 18:04
Operator : SJ/JU
Sample : PB108036BSD
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB108036BSD

Manual Integrations APPROVED
Sohil
4/9/2018 5:04:24 PM

Quant Time: Apr 09 07:47:40 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 05 17:36:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	39206	20.00	ng		0.00
21) Naphthalene-d8	11.74	136	178914	20.00	ng		0.00
38) Acenaphthene-d10	15.48	164	136015	20.00	ng		0.00
63) Phenanthrene-d10	18.21	188	342027	20.00	ng		0.00
75) Chrysene-d12	22.56	240	341419	20.00	ng		0.00
86) Perylene-d12	26.32	264	358833	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.28	112	352916	168.79	ng		0.00
7) Phenol-d6	7.98	99	561730	156.36	ng		0.00
23) Nitrobenzene-d5	10.06	82	345489	88.72	ng		0.00
41) 2,4,6-Tribromophenol	16.95	330	251279	123.52	ng		0.00
44) 2-Fluorobiphenyl	14.10	172	859229	91.20	ng		0.00
78) Terphenyl-d14	20.73	244	1458070	91.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.92	88	35567	33.496	ng	#	92
3) Pyridine	4.38	79	107124	36.496	ng		96
4) n-Nitrosodimethylamine	4.29	42	59112	49.073	ng	#	82
6) Aniline	8.16	93	96312	22.797	ng		97
8) 2-Chlorophenol	8.41	128	123233	51.556	ng		91
9) Benzaldehyde	7.96	77	36057	15.793	ng		93
10) Phenol	8.00	94	180171	50.796	ng		88
11) bis(2-Chloroethyl)ether	8.24	93	122708	42.384	ng		97
12) 1,3-Dichlorobenzene	8.74	146	123410	39.491	ng		98
13) 1,4-Dichlorobenzene	8.89	146	120219	38.412	ng		96
14) 1,2-Dichlorobenzene	9.23	146	125859	41.203	ng		96
15) Benzyl Alcohol	9.09	79	143630	50.779	ng		91
16) 2,2'-oxybis(1-Chloropropan	9.38	45	217681	46.122	ng		90
17) 2-Methylphenol	9.30	107	117325m	48.556	ng		
18) Hexachloroethane	9.97	117	51723	42.820	ng		97
19) n-Nitroso-di-n-propylamine	9.66	70	115674	43.941	ng	#	93
20) 3+4-Methylphenols	9.63	107	167220	48.606	ng		88
22) Acetophenone	9.70	105	202820	41.378	ng	#	99
24) Nitrobenzene	10.11	77	176727	42.399	ng		93
25) Isophorone	10.62	82	339167	44.875	ng		99
26) 2-Nitrophenol	10.83	139	73922	46.844	ng	#	83
27) 2,4-Dimethylphenol	10.86	122	130767	57.043	ng		87
28) bis(2-Chloroethoxy)methane	11.10	93	178037	47.212	ng		97
29) 2,4-Dichlorophenol	11.37	162	143633	50.947	ng		99
30) 1,2,4-Trichlorobenzene	11.59	180	144434	39.432	ng		99
31) Naphthalene	11.80	128	402505	43.414	ng		96
32) Benzoic acid	11.00	122	61261m	28.747	ng		
33) 4-Chloroaniline	11.90	127	68001	16.371	ng		94
34) Hexachlorobutadiene	12.05	225	104946	37.887	ng		97
35) Caprolactam	12.64	113	51590	46.710	ng		98
36) 4-Chloro-3-methylphenol	12.96	107	173559	47.201	ng		92
37) 2-Methylnaphthalene	13.34	142	314036	43.639	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.70	216	204140	41.434	ng		98
40) Hexachlorocyclopentadiene	13.67	237	203803	70.563	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	127259	44.457	ng		98
43) 2,4,5-Trichlorophenol	14.00	196	142818	42.211	ng		98
45) 1,1'-Biphenyl	14.32	154	448564	42.926	ng		95
46) 2-Chloronaphthalene	14.37	162	346627	43.020	ng		97
47) 2-Nitroaniline	14.57	65	140983	46.716	ng		94
48) Acenaphthylene	15.21	152	561862	41.777	ng		97
49) Dimethylphthalate	14.90	163	482462	40.759	ng		100
50) 2,6-Dinitrotoluene	15.04	165	106130	43.849	ng		97
51) Acenaphthene	15.54	154	403319	46.520	ng		97
52) 3-Nitroaniline	15.38	138	74692	29.436	ng	#	96
53) 2,4-Dinitrophenol	15.57	184	85958	69.671	ng	#	77
54) Dibenzofuran	15.87	168	557511	43.534	ng	#	89
55) 4-Nitrophenol	15.66	139	146695	82.215	ng		89
56) 2,4-Dinitrotoluene	15.81	165	156795	43.998	ng		96
57) Fluorene	16.51	166	460988	42.253	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.08	232	140059	43.971	ng		99
59) Diethylphthalate	16.24	149	485638	42.251	ng		98
60) 4-Chlorophenyl-phenylether	16.48	204	256799	40.946	ng		96
61) 4-Nitroaniline	16.53	138	111108	43.239	ng		87
62) Azobenzene	16.78	77	500923	44.990	ng		98
64) 4,6-Dinitro-2-methylphenol	16.57	198	80119	39.157	ng		96
65) n-Nitrosodiphenylamine	16.70	169	423171	43.338	ng		95
66) 4-Bromophenyl-phenylether	17.38	248	170078	42.342	ng		91
67) Hexachlorobenzene	17.51	284	171305	40.410	ng		96
68) Atrazine	17.62	200	173015	43.727	ng		95
69) Pentachlorophenol	17.85	266	186412	64.068	ng		97
70) Phenanthrene	18.25	178	757395	42.520	ng		98
71) Anthracene	18.34	178	795536	44.109	ng		99
72) Carbazole	18.60	167	684579	42.833	ng		97
73) Di-n-butylphthalate	19.09	149	824672	44.331	ng		99
74) Fluoranthene	20.21	202	941287	42.702	ng		98
76) Benzidine	20.37	184	101083	10.918	ng		96
77) Pyrene	20.56	202	948865	41.670	ng		98
79) Butylbenzylphthalate	21.41	149	376462	44.802	ng		99
80) Benzo(a)anthracene	22.54	228	928290	42.699	ng		99
81) 3,3'-Dichlorobenzidine	22.42	252	213566	27.606	ng		99
82) Chrysene	22.61	228	906514	43.076	ng		98
83) Bis(2-ethylhexyl)phthalate	22.35	149	530413	45.791	ng		96
84) Di-n-octyl phthalate	23.75	149	907837	51.187	ng		100
85) Indeno(1,2,3-cd)pyrene	30.70	276	961817	42.272	ng	#	87
87) Benzo(b)fluoranthene	25.11	252	911967	43.989	ng	#	97
88) Benzo(k)fluoranthene	25.19	252	917203	43.744	ng		99
89) Benzo(a)pyrene	26.14	252	900485	45.230	ng	#	96
90) Dibenzo(a,h)anthracene	30.78	278	724074	38.610	ng	#	95
91) Benzo(g,h,i)perylene	32.08	276	760337	40.943	ng		96

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

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