Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030218\
Data File : BG032958.D
Acq On : 2 Mar 2018 22:55
Operator : SJ/JU
Sample : PB107014BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB107014BSD

Manual Integrations APPROVED
Sohil
3/5/2018 3:18:12 PM

Quant Time: Mar 03 00:17:00 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 01 17:38:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	60163	20.00	ng		0.00
21) Naphthalene-d8	11.80	136	265750	20.00	ng		0.00
38) Acenaphthene-d10	15.53	164	155975	20.00	ng		0.00
63) Phenanthrene-d10	18.26	188	363921	20.00	ng		0.00
75) Chrysene-d12	22.62	240	327405	20.00	ng		0.00
86) Perylene-d12	26.42	264	353505	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.33	112	377594	100.41	ng		0.00
7) Phenol-d6	8.01	99	503003	95.96	ng		0.00
23) Nitrobenzene-d5	10.12	82	424445	107.82	ng		0.00
41) 2,4,6-Tribromophenol	17.00	330	169423	103.31	ng		0.00
44) 2-Fluorobiphenyl	14.16	172	930915	86.08	ng		0.00
78) Terphenyl-d14	20.78	244	1279016	87.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.95	88	62125	38.066	ng		94
3) Pyridine	4.42	79	176565	39.251	ng		96
4) n-Nitrosodimethylamine	4.32	42	94308	52.292	ng	#	88
6) Aniline	8.20	93	140628	19.820	ng		95
8) 2-Chlorophenol	8.46	128	196300	47.691	ng		94
9) Benzaldehyde	8.01	77	69829	23.115	ng		96
10) Phenol	8.04	94	249464	47.212	ng		94
11) bis(2-Chloroethyl)ether	8.30	93	173601	40.179	ng		96
12) 1,3-Dichlorobenzene	8.80	146	192171	39.861	ng		97
13) 1,4-Dichlorobenzene	8.95	146	195024	40.188	ng		96
14) 1,2-Dichlorobenzene	9.29	146	184301	39.632	ng		95
15) Benzyl Alcohol	9.15	79	165926	43.059	ng		88
16) 2,2'-oxybis(1-Chloropropan	9.44	45	314556	42.350	ng		98
17) 2-Methylphenol	9.34	107	169453	43.490	ng		96
18) Hexachloroethane	10.05	117	70861	42.887	ng	#	86
19) n-Nitroso-di-n-propylamine	9.73	70	143729	38.841	ng	#	93
20) 3+4-Methylphenols	9.68	107	233423	43.086	ng		95
22) Acetophenone	9.76	105	268752	40.044	ng	#	96
24) Nitrobenzene	10.16	77	204547	48.229	ng		91
25) Isophorone	10.68	82	395428	42.393	ng	#	95
26) 2-Nitrophenol	10.89	139	101906	61.738	ng		94
27) 2,4-Dimethylphenol	10.92	122	210588	51.971	ng		90
28) bis(2-Chloroethoxy)methane	11.16	93	242677	44.660	ng		97
29) 2,4-Dichlorophenol	11.43	162	181627	49.387	ng		95
30) 1,2,4-Trichlorobenzene	11.66	180	170715	39.600	ng		98
31) Naphthalene	11.86	128	573870	41.326	ng		99
32) Benzoic acid	11.02	122	123394	48.599	ng		85
33) 4-Chloroaniline	11.94	127	126382	20.355	ng		97
34) Hexachlorobutadiene	12.12	225	94268	38.985	ng		99
35) Caprolactam	12.69	113	74305	50.460	ng		93
36) 4-Chloro-3-methylphenol	13.00	107	216981	50.700	ng		90
37) 2-Methylnaphthalene	13.40	142	427035	42.506	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.75	216	177615	38.360	ng	#	95
40) Hexachlorocyclopentadiene	13.73	237	226106	95.820	ng		92

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.98	196	139860	47.898	ng		97
43) 2,4,5-Trichlorophenol	14.05	196	159348	47.151	ng	#	95
45) 1,1'-Biphenyl	14.38	154	540281	39.640	ng		96
46) 2-Chloronaphthalene	14.43	162	412951	40.559	ng		98
47) 2-Nitroaniline	14.61	65	150056	56.301	ng		91
48) Acenaphthylene	15.26	152	678875	40.726	ng		98
49) Dimethylphthalate	14.96	163	546843	41.291	ng		100
50) 2,6-Dinitrotoluene	15.09	165	122664	54.483	ng		88
51) Acenaphthene	15.60	154	455938	43.919	ng		98
52) 3-Nitroaniline	15.42	138	84955	33.948	ng	#	85
53) 2,4-Dinitrophenol	15.61	184	87639	110.499	ng	#	82
54) Dibenzofuran	15.93	168	635898	43.019	ng		94
55) 4-Nitrophenol	15.69	139	212602	96.434	ng	#	80
56) 2,4-Dinitrotoluene	15.86	165	175542	62.955	ng	#	86
57) Fluorene	16.57	166	519767	42.603	ng		100
58) 2,3,4,6-Tetrachlorophenol	16.13	232	137433m	52.379	ng		
59) Diethylphthalate	16.30	149	587767	42.078	ng		98
60) 4-Chlorophenyl-phenylether	16.54	204	255636	42.832	ng		93
61) 4-Nitroaniline	16.57	138	131782	46.189	ng		84
62) Azobenzene	16.83	77	543626	43.502	ng		97
64) 4,6-Dinitro-2-methylphenol	16.61	198	75594	63.228	ng		98
65) n-Nitrosodiphenylamine	16.75	169	486543	41.097	ng		100
66) 4-Bromophenyl-phenylether	17.44	248	153698	39.941	ng	#	88
67) Hexachlorobenzene	17.56	284	161752	38.897	ng	#	91
68) Atrazine	17.67	200	168940	43.352	ng		97
69) Pentachlorophenol	17.89	266	217565	83.061	ng		98
70) Phenanthrene	18.31	178	844063	41.573	ng		98
71) Anthracene	18.39	178	859688	42.176	ng		99
72) Carbazole	18.65	167	806215	40.128	ng	#	97
73) Di-n-butylphthalate	19.15	149	1023270	41.516	ng		100
74) Fluoranthene	20.26	202	938357	41.840	ng		95
76) Benzidine	20.41	184	328544	29.439	ng		98
77) Pyrene	20.61	202	941194	40.764	ng		98
79) Butylbenzylphthalate	21.47	149	474584	46.361	ng		92
80) Benzo(a)anthracene	22.59	228	899995	42.867	ng		100
81) 3,3'-Dichlorobenzidine	22.48	252	188409	24.230	ng	#	97
82) Chrysene	22.68	228	842128	41.990	ng		97
83) Bis(2-ethylhexyl)phthalate	22.42	149	673291	44.433	ng	#	95
84) Di-n-octyl phthalate	23.84	149	1159695	50.211	ng		100
85) Indeno(1,2,3-cd)pyrene	30.85	276	989489	42.305	ng		98
87) Benzo(b)fluoranthene	25.20	252	890854	42.621	ng	#	97
88) Benzo(k)fluoranthene	25.28	252	889039	42.798	ng	#	94
89) Benzo(a)pyrene	26.24	252	876450	44.086	ng	#	95
90) Dibenzo(a,h)anthracene	30.94	278	827423	41.349	ng	#	93
91) Benzo(g,h,i)perylene	32.25	276	831305	42.142	ng	#	90

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

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