Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032818\
Data File : BG033406.D
Acq On : 29 Mar 2018 5:05
Operator : SJ/JU
Sample : PB107704BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB107704BS

Manual Integrations APPROVED
Sohil
3/29/2018 5:39:13 PM

Quant Time: Mar 29 07:48:53 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 28 18:34:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.88	152	37539	20.00	ng		0.00
21) Naphthalene-d8	11.76	136	158395	20.00	ng		0.00
38) Acenaphthene-d10	15.49	164	119334	20.00	ng		0.00
63) Phenanthrene-d10	18.22	188	308958	20.00	ng		0.00
75) Chrysene-d12	22.57	240	321223	20.00	ng		0.00
86) Perylene-d12	26.34	264	350510	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.31	112	313184	156.44	ng		0.02
7) Phenol-d6	8.00	99	476952	138.66	ng		0.02
23) Nitrobenzene-d5	10.08	82	294354	85.38	ng		0.00
41) 2,4,6-Tribromophenol	16.97	330	246011	137.84	ng		0.00
44) 2-Fluorobiphenyl	14.12	172	724234	87.61	ng		0.00
78) Terphenyl-d14	20.74	244	1288450	85.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.93	88	37375	36.762	ng		83
3) Pyridine	4.39	79	100937	35.915	ng		99
4) n-Nitrosodimethylamine	4.30	42	50748	44.001	ng	#	79
6) Aniline	8.17	93	57292	14.163	ng		98
8) 2-Chlorophenol	8.43	128	110746	48.389	ng		98
9) Benzaldehyde	7.98	77	61758m	28.252	ng		
10) Phenol	8.03	94	160224	47.179	ng		87
11) bis(2-Chloroethyl)ether	8.26	93	96891	34.953	ng		97
12) 1,3-Dichlorobenzene	8.76	146	114967	38.423	ng		93
13) 1,4-Dichlorobenzene	8.92	146	115673	38.601	ng		98
14) 1,2-Dichlorobenzene	9.25	146	112763	38.555	ng		96
15) Benzyl Alcohol	9.12	79	122785	45.338	ng		89
16) 2,2'-oxybis(1-Chloropropan	9.40	45	173175	38.322	ng		85
17) 2-Methylphenol	9.32	107	101608	43.919	ng	#	90
18) Hexachloroethane	10.00	117	46489	40.196	ng		89
19) n-Nitroso-di-n-propylamine	9.69	70	97143	38.541	ng		95
20) 3+4-Methylphenols	9.66	107	145507	44.173	ng		92
22) Acetophenone	9.72	105	169657	39.096	ng	#	97
24) Nitrobenzene	10.12	77	144707	39.214	ng		91
25) Isophorone	10.64	82	278515	41.624	ng		99
26) 2-Nitrophenol	10.85	139	63313	45.318	ng	#	91
27) 2,4-Dimethylphenol	10.89	122	115737	57.026	ng		91
28) bis(2-Chloroethoxy)methane	11.12	93	148455	44.467	ng	#	91
29) 2,4-Dichlorophenol	11.40	162	128908	51.647	ng		97
30) 1,2,4-Trichlorobenzene	11.61	180	127011	39.167	ng		97
31) Naphthalene	11.81	128	333772	40.664	ng		98
32) Benzoic acid	11.01	122	47276m	25.058	ng		
33) 4-Chloroaniline	11.91	127	47068	12.799	ng		96
34) Hexachlorobutadiene	12.07	225	95724	39.035	ng		96
35) Caprolactam	12.66	113	43427	44.412	ng		94
36) 4-Chloro-3-methylphenol	12.98	107	160594	49.333	ng		97
37) 2-Methylnaphthalene	13.36	142	260095	40.826	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.72	216	171953	39.780	ng		99
40) Hexachlorocyclopentadiene	13.68	237	197782	78.051	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.95	196	117008	46.590	ng		99
43) 2,4,5-Trichlorophenol	14.02	196	133102	44.838	ng		95
45) 1,1'-Biphenyl	14.33	154	367824	40.120	ng		98
46) 2-Chloronaphthalene	14.39	162	284055	40.183	ng		97
47) 2-Nitroaniline	14.58	65	117634	44.428	ng		96
48) Acenaphthylene	15.22	152	468866	39.735	ng		99
49) Dimethylphthalate	14.92	163	421159	40.553	ng		99
50) 2,6-Dinitrotoluene	15.05	165	88775	41.806	ng		97
51) Acenaphthene	15.56	154	297756	39.145	ng		95
52) 3-Nitroaniline	15.39	138	44606	20.036	ng	#	94
53) 2,4-Dinitrophenol	15.59	184	25205	28.374	ng		90
54) Dibenzofuran	15.89	168	474614	42.241	ng		91
55) 4-Nitrophenol	15.68	139	131856	84.228	ng		93
56) 2,4-Dinitrotoluene	15.83	165	131043	41.912	ng		95
57) Fluorene	16.53	166	395358	41.303	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.10	232	136300	48.772	ng		93
59) Diethylphthalate	16.26	149	417807	41.431	ng		98
60) 4-Chlorophenyl-phenylether	16.50	204	226480	41.160	ng		99
61) 4-Nitroaniline	16.54	138	83641	37.100	ng	#	82
62) Azobenzene	16.79	77	413413	42.320	ng		98
64) 4,6-Dinitro-2-methylphenol	16.58	198	39759	21.511	ng		98
65) n-Nitrosodiphenylamine	16.71	169	370117	41.962	ng		98
66) 4-Bromophenyl-phenylether	17.39	248	153639	42.343	ng		96
67) Hexachlorobenzene	17.52	284	153121	39.986	ng		95
68) Atrazine	17.63	200	153916	43.063	ng		99
69) Pentachlorophenol	17.87	266	165797	63.082	ng		97
70) Phenanthrene	18.26	178	670493	41.670	ng		99
71) Anthracene	18.35	178	695339	42.680	ng		99
72) Carbazole	18.61	167	580786	40.229	ng		98
73) Di-n-butylphthalate	19.11	149	710604	42.287	ng	#	99
74) Fluoranthene	20.22	202	824923	41.429	ng		96
76) Benzidine	20.37	184	169926	19.507	ng		97
77) Pyrene	20.57	202	830041	38.744	ng		99
79) Butylbenzylphthalate	21.43	149	319663	40.434	ng		96
80) Benzo(a)anthracene	22.55	228	832520	40.702	ng		99
81) 3,3'-Dichlorobenzidine	22.43	252	140857	19.352	ng		98
82) Chrysene	22.62	228	792186	40.010	ng		97
83) Bis(2-ethylhexyl)phthalate	22.37	149	454108	41.668	ng		99
84) Di-n-octyl phthalate	23.76	149	782713	46.907	ng		97
85) Indeno(1,2,3-cd)pyrene	30.73	276	955557	44.637	ng	#	58
87) Benzo(b)fluoranthene	25.13	252	842563	41.607	ng	#	96
88) Benzo(k)fluoranthene	25.20	252	827010	40.379	ng	#	97
89) Benzo(a)pyrene	26.16	252	819897	42.160	ng	#	98
90) Dibenzo(a,h)anthracene	30.81	278	791509	43.208	ng	#	96
91) Benzo(g,h,i)perylene	32.10	276	785228	43.288	ng	#	94

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

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