Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092217\
Data File : BG028880.D
Acq On : 22 Sep 2017 18:41
Operator : SJ/JU
Sample : PB102487BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 22 23:56:43 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : PB102487BS

Manual Integrations APPROVED
Sohil
9/25/2017 6:22:23 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	25456	20.00	ng		-0.05
21) Naphthalene-d8	11.10	136	108000	20.00	ng		-0.05
38) Acenaphthene-d10	14.90	164	87481	20.00	ng		-0.05
63) Phenanthrene-d10	17.65	188	252946	20.00	ng		-0.05
75) Chrysene-d12	21.97	240	293616	20.00	ng		-0.07
86) Perylene-d12	25.41	264	296080	20.00	ng		-0.11
System Monitoring Compounds							
5) 2-Fluorophenol	5.85	112	189541	122.86	ng		-0.05
7) Phenol-d6	7.44	99	278298	119.81	ng		-0.05
23) Nitrobenzene-d5	9.45	82	169166	74.93	ng		-0.05
41) 2,4,6-Tribromophenol	16.39	330	197083	136.21	ng		-0.05
44) 2-Fluorobiphenyl	13.52	172	478435	72.93	ng		-0.05
78) Terphenyl-d14	20.23	244	1013539	73.61	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	3.77	88	19954	31.939	ng		97
3) Pyridine	4.16	79	54208	30.418	ng		91
4) n-Nitrosodimethylamine	4.08	42	28777	35.497	ng	#	65
6) Aniline	7.60	93	77322	28.603	ng		92
8) 2-Chlorophenol	7.84	128	65566	38.124	ng		91
9) Benzaldehyde	7.42	77	22996	15.957	ng		92
10) Phenol	7.46	94	95041	38.770	ng		89
11) bis(2-Chloroethyl)ether	7.69	93	58877	33.454	ng		96
12) 1,3-Dichlorobenzene	8.16	146	65843	35.555	ng		94
13) 1,4-Dichlorobenzene	8.31	146	68996	36.233	ng		96
14) 1,2-Dichlorobenzene	8.63	146	64277	34.166	ng		94
15) Benzyl Alcohol	8.52	79	61342	33.830	ng	#	89
16) 2,2'-oxybis(1-Chloropropan	8.79	45	107099	33.483	ng		96
17) 2-Methylphenol	8.72	107	63320	39.529	ng		92
18) Hexachloroethane	9.36	117	23699	33.956	ng		98
19) n-Nitroso-di-n-propylamine	9.07	70	55840	33.912	ng		89
20) 3+4-Methylphenols	9.04	107	86586	38.645	ng		86
22) Acetophenone	9.10	105	107661	34.093	ng	#	85
24) Nitrobenzene	9.49	77	86175	34.471	ng		96
25) Isophorone	10.01	82	158242	34.640	ng		99
26) 2-Nitrophenol	10.20	139	37323	35.079	ng		95
27) 2,4-Dimethylphenol	10.25	122	74429	38.270	ng		98
28) bis(2-Chloroethoxy)methane	10.48	93	87200	35.151	ng		100
29) 2,4-Dichlorophenol	10.75	162	76790	39.683	ng		93
30) 1,2,4-Trichlorobenzene	10.95	180	77118	34.934	ng		97
31) Naphthalene	11.14	128	202651	35.927	ng		96
32) Benzoic acid	10.38	122	32651	26.728	ng	#	84
33) 4-Chloroaniline	11.27	127	31496	13.329	ng	#	91
34) Hexachlorobutadiene	11.42	225	53673	33.010	ng		95
35) Caprolactam	12.04	113	32139m	46.315	ng		
36) 4-Chloro-3-methylphenol	12.36	107	98000	38.915	ng		92
37) 2-Methylnaphthalene	12.74	142	166121	39.446	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.10	216	107490	29.884	ng	#	95
40) Hexachlorocyclopentadiene	13.07	237	93801	68.352	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.33	196	80630	35.319	ng		94
43) 2,4,5-Trichlorophenol	13.42	196	90388	39.402	ng		91
45) 1,1'-Biphenyl	13.73	154	231826	32.006	ng		95
46) 2-Chloronaphthalene	13.78	162	183366	34.709	ng		98
47) 2-Nitroaniline	13.99	65	75445	38.425	ng		94
48) Acenaphthylene	14.62	152	300793	35.638	ng		99
49) Dimethylphthalate	14.34	163	285209	38.879	ng		98
50) 2,6-Dinitrotoluene	14.47	165	65137	39.905	ng	#	74
51) Acenaphthene	14.96	154	180496	35.204	ng		94
52) 3-Nitroaniline	14.80	138	36693	25.420	ng	#	92
53) 2,4-Dinitrophenol	15.02	184	59224	69.972	ng		96
54) Dibenzofuran	15.29	168	326352	39.914	ng		92
55) 4-Nitrophenol	15.12	139	91996	86.989	ng	#	76
56) 2,4-Dinitrotoluene	15.26	165	97202	42.351	ng	#	89
57) Fluorene	15.94	166	282822	38.745	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.52	232	92748	45.875	ng	#	91
59) Diethylphthalate	15.69	149	299225	39.692	ng		99
60) 4-Chlorophenyl-phenylether	15.92	204	160182	38.537	ng		93
61) 4-Nitroaniline	15.97	138	63644	41.618	ng		86
62) Azobenzene	16.21	77	268786	42.394	ng		92
64) 4,6-Dinitro-2-methylphenol	16.03	198	57754	35.385	ng		97
65) n-Nitrosodiphenylamine	16.14	169	252188	34.779	ng		97
66) 4-Bromophenyl-phenylether	16.82	248	117341	36.052	ng		93
67) Hexachlorobenzene	16.95	284	125637	33.916	ng	#	85
68) Atrazine	17.08	200	108116	34.726	ng		97
69) Pentachlorophenol	17.30	266	117744	70.349	ng		98
70) Phenanthrene	17.69	178	484726	37.473	ng		96
71) Anthracene	17.78	178	505530	38.688	ng		96
72) Carbazole	18.05	167	432872	36.783	ng	#	95
73) Di-n-butylphthalate	18.58	149	516064	35.764	ng	#	93
74) Fluoranthene	19.69	202	608187	38.508	ng		94
76) Benzidine	19.86	184	268687	35.288	ng		96
77) Pyrene	20.05	202	628281	37.098	ng		94
79) Butylbenzylphthalate	20.91	149	243796	35.643	ng		92
80) Benzo(a)anthracene	21.94	228	660414	37.367	ng		94
81) 3,3'-Dichlorobenzidine	21.84	252	148990	20.792	ng		95
82) Chrysene	22.01	228	613631	36.592	ng		94
83) Bis(2-ethylhexyl)phthalate	21.80	149	338618	34.823	ng		99
84) Di-n-octyl phthalate	23.08	149	590533	34.759	ng	#	88
85) Indeno(1,2,3-cd)pyrene	29.38	276	785340	36.449	ng	#	99
87) Benzo(b)fluoranthene	24.31	252	666616m	37.580	ng		
88) Benzo(k)fluoranthene	24.38	252	660810	37.294	ng		94
89) Benzo(a)pyrene	25.25	252	644301	38.266	ng		98
90) Dibenzo(a,h)anthracene	29.43	278	664092	37.831	ng	#	98
91) Benzo(g,h,i)perylene	30.63	276	648589	37.867	ng		98

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

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