Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092017\
Data File : BG028829.D
Acq On : 20 Sep 2017 13:18
Operator : SJ/JU
Sample : PB102449BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB102449BS

Manual Integrations APPROVED
Sohil
9/22/2017 3:58:03 PM

Quant Time: Sep 21 02:53:01 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

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	28387	20.00	ng		-0.04
21) Naphthalene-d8	11.11	136	121824	20.00	ng		-0.04
38) Acenaphthene-d10	14.91	164	90927	20.00	ng		-0.04
63) Phenanthrene-d10	17.66	188	258339	20.00	ng		-0.04
75) Chrysene-d12	21.99	240	307774	20.00	ng		-0.04
86) Perylene-d12	25.46	264	312761	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.86	112	251628	146.26	ng		-0.04
7) Phenol-d6	7.45	99	355010	137.06	ng		-0.04
23) Nitrobenzene-d5	9.46	82	217970	85.59	ng		-0.04
41) 2,4,6-Tribromophenol	16.40	330	230649	153.37	ng		-0.04
44) 2-Fluorobiphenyl	13.53	172	579033	84.91	ng		-0.04
78) Terphenyl-d14	20.25	244	1230676	85.27	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.78	88	24132	34.639	ng		95
3) Pyridine	4.17	79	70826	35.639	ng	#	87
4) n-Nitrosodimethylamine	4.09	42	36123	39.958	ng	#	68
6) Aniline	7.61	93	63348	21.014	ng		92
8) 2-Chlorophenol	7.85	128	86505	45.106	ng		94
9) Benzaldehyde	7.42	77	32117	19.985	ng		91
10) Phenol	7.47	94	121322	44.381	ng		87
11) bis(2-Chloroethyl)ether	7.70	93	77006	39.237	ng		96
12) 1,3-Dichlorobenzene	8.18	146	83707	40.534	ng		95
13) 1,4-Dichlorobenzene	8.32	146	85907	40.455	ng		93
14) 1,2-Dichlorobenzene	8.65	146	85189	40.607	ng		96
15) Benzyl Alcohol	8.53	79	88718	43.876	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.80	45	133662	37.473	ng		97
17) 2-Methylphenol	8.73	107	78150	43.749	ng	#	86
18) Hexachloroethane	9.37	117	31604	40.607	ng		92
19) n-Nitroso-di-n-propylamine	9.09	70	69731	37.976	ng	#	86
20) 3+4-Methylphenols	9.06	107	109583	43.859	ng		89
22) Acetophenone	9.11	105	132486	37.194	ng	#	88
24) Nitrobenzene	9.50	77	109303	38.761	ng		93
25) Isophorone	10.02	82	191288	37.123	ng		98
26) 2-Nitrophenol	10.21	139	46002	38.330	ng		92
27) 2,4-Dimethylphenol	10.26	122	92085	41.975	ng		98
28) bis(2-Chloroethoxy)methane	10.49	93	109757	39.223	ng		95
29) 2,4-Dichlorophenol	10.76	162	95904	43.937	ng		93
30) 1,2,4-Trichlorobenzene	10.97	180	98329	39.488	ng		100
31) Naphthalene	11.16	128	257114	40.410	ng		99
32) Benzoic acid	10.41	122	48519m	33.279	ng		
33) 4-Chloroaniline	11.27	127	24689	9.263	ng	#	80
34) Hexachlorobutadiene	11.43	225	70945	38.682	ng		96
35) Caprolactam	12.05	113	34419m	43.973	ng		
36) 4-Chloro-3-methylphenol	12.38	107	117261	41.279	ng		88
37) 2-Methylnaphthalene	12.75	142	200966	42.305	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.11	216	133859	35.804	ng	#	95
40) Hexachlorocyclopentadiene	13.08	237	119939	82.336	ng		96

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QLast Update : Tue Sep 12 16:57:11 2017
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.35	196	94553	39.848	ng		92
43) 2,4,5-Trichlorophenol	13.43	196	99083	41.556	ng		94
45) 1,1'-Biphenyl	13.74	154	274104	36.409	ng		96
46) 2-Chloronaphthalene	13.79	162	217367	39.585	ng		98
47) 2-Nitroaniline	14.00	65	90484	44.338	ng		88
48) Acenaphthylene	14.63	152	356945	40.688	ng		98
49) Dimethylphthalate	14.35	163	323130	42.379	ng		98
50) 2,6-Dinitrotoluene	14.48	165	72884	42.959	ng		85
51) Acenaphthene	14.97	154	214413	40.234	ng		96
52) 3-Nitroaniline	14.82	138	31606	21.066	ng		92
53) 2,4-Dinitrophenol	15.03	184	69538	78.007	ng		99
54) Dibenzofuran	15.30	168	386737	45.507	ng		93
55) 4-Nitrophenol	15.13	139	100156	91.116	ng		85
56) 2,4-Dinitrotoluene	15.27	165	112873	47.315	ng	#	87
57) Fluorene	15.96	166	334083	44.033	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.54	232	109355	52.039	ng	#	93
59) Diethylphthalate	15.71	149	340663	43.477	ng		97
60) 4-Chlorophenyl-phenylether	15.94	204	188725	43.684	ng	#	87
61) 4-Nitroaniline	15.98	138	70343	44.256	ng	#	80
62) Azobenzene	16.23	77	314259	47.688	ng		91
64) 4,6-Dinitro-2-methylphenol	16.04	198	66298	39.772	ng		95
65) n-Nitrosodiphenylamine	16.15	169	299891	40.495	ng		98
66) 4-Bromophenyl-phenylether	16.84	248	137066	41.234	ng		93
67) Hexachlorobenzene	16.97	284	143568	37.948	ng	#	85
68) Atrazine	17.09	200	136073	42.793	ng		97
69) Pentachlorophenol	17.31	266	141373	82.704	ng		97
70) Phenanthrene	17.71	178	588534	44.549	ng		94
71) Anthracene	17.79	178	596050	44.664	ng		97
72) Carbazole	18.06	167	513830	42.751	ng		96
73) Di-n-butylphthalate	18.59	149	620497	42.104	ng	#	94
74) Fluoranthene	19.70	202	731128	45.325	ng		93
76) Benzidine	19.88	184	148423	18.596	ng	#	94
77) Pyrene	20.07	202	753955	42.470	ng		95
79) Butylbenzylphthalate	20.93	149	288107	40.184	ng		90
80) Benzo(a)anthracene	21.97	228	788005	42.535	ng		93
81) 3,3'-Dichlorobenzidine	21.87	252	168803	22.474	ng	#	96
82) Chrysene	22.04	228	734897	41.808	ng		95
83) Bis(2-ethylhexyl)phthalate	21.82	149	407818	40.010	ng		99
84) Di-n-octyl phthalate	23.11	149	696186	39.092	ng	#	88
85) Indeno(1,2,3-cd)pyrene	29.45	276	938576	41.557	ng	#	96
87) Benzo(b)fluoranthene	24.35	252	781787	41.722	ng		98
88) Benzo(k)fluoranthene	24.42	252	795449	42.498	ng		93
89) Benzo(a)pyrene	25.30	252	774443	43.542	ng		94
90) Dibenzo(a,h)anthracene	29.50	278	783847	42.271	ng		98
91) Benzo(g,h,i)perylene	30.70	276	758714	41.934	ng		99

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

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