Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100317\
Data File : BG029019.D
Acq On : 4 Oct 2017 00:37
Operator : SJ/JU
Sample : PB102869BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB102869BS

Manual Integrations APPROVED
Sohil
10/4/2017 4:58:12 PM

Quant Time: Oct 04 07:24:10 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	8.24	152	41766	20.00	ng		-0.09
21) Naphthalene-d8	11.06	136	176180	20.00	ng		-0.09
38) Acenaphthene-d10	14.86	164	128496	20.00	ng		-0.08
63) Phenanthrene-d10	17.62	188	318757	20.00	ng		-0.08
75) Chrysene-d12	21.93	240	348611	20.00	ng		-0.10
86) Perylene-d12	25.34	264	328938	20.00	ng		-0.18
System Monitoring Compounds							
5) 2-Fluorophenol	5.81	112	347499	137.29	ng		-0.09
7) Phenol-d6	7.40	99	481336	126.30	ng		-0.09
23) Nitrobenzene-d5	9.41	82	296369	80.47	ng		-0.09
41) 2,4,6-Tribromophenol	16.36	330	256747	120.81	ng		-0.08
44) 2-Fluorobiphenyl	13.48	172	768827	79.78	ng		-0.08
78) Terphenyl-d14	20.20	244	1291764	79.02	ng		-0.08
Target Compounds							Qvalue
2) 1,4-Dioxane	3.72	88	32874	32.071	ng		88
3) Pyridine	4.11	79	100803	34.475	ng		98
4) n-Nitrosodimethylamine	4.03	42	57410	43.162	ng		85
6) Aniline	7.57	93	140912	31.770	ng		97
8) 2-Chlorophenol	7.81	128	114196	40.471	ng		98
9) Benzaldehyde	7.38	77	62472	26.422	ng		93
10) Phenol	7.43	94	164272	40.843	ng		89
11) bis(2-Chloroethyl)ether	7.65	93	109793	38.022	ng		92
12) 1,3-Dichlorobenzene	8.13	146	120647	39.707	ng		94
13) 1,4-Dichlorobenzene	8.28	146	121354	38.842	ng		93
14) 1,2-Dichlorobenzene	8.59	146	116859	37.859	ng		96
15) Benzyl Alcohol	8.48	79	121621	40.881	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.75	45	198083	37.744	ng		98
17) 2-Methylphenol	8.68	107	105320	40.073	ng		90
18) Hexachloroethane	9.32	117	44899	39.209	ng		92
19) n-Nitroso-di-n-propylamine	9.04	70	97032	35.917	ng		95
20) 3+4-Methylphenols	9.01	107	150878	41.043	ng		94
22) Acetophenone	9.06	105	183202	35.564	ng	#	88
24) Nitrobenzene	9.46	77	153015	37.521	ng		93
25) Isophorone	9.97	82	276684	37.129	ng		97
26) 2-Nitrophenol	10.17	139	62939	36.262	ng		96
27) 2,4-Dimethylphenol	10.22	122	121257	38.220	ng		96
28) bis(2-Chloroethoxy)methane	10.44	93	153936	38.039	ng		97
29) 2,4-Dichlorophenol	10.71	162	126474	40.066	ng		94
30) 1,2,4-Trichlorobenzene	10.92	180	134982	37.483	ng		96
31) Naphthalene	11.11	128	354360	38.511	ng		100
32) Benzoic acid	10.39	122	68962	32.812	ng		89
33) 4-Chloroaniline	11.23	127	65519	16.997	ng	#	91
34) Hexachlorobutadiene	11.38	225	93672	35.316	ng		97
35) Caprolactam	12.01	113	44081m	38.941	ng		
36) 4-Chloro-3-methylphenol	12.34	107	152645	37.157	ng		99
37) 2-Methylnaphthalene	12.70	142	273844	39.861	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.07	216	175608	33.238	ng		98
40) Hexachlorocyclopentadiene	13.04	237	183805	88.645	ng		91

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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	13.31	196	120674	35.987	ng		97
43) 2,4,5-Trichlorophenol	13.39	196	126924	37.669	ng		94
45) 1,1'-Biphenyl	13.69	154	372796	35.041	ng		97
46) 2-Chloronaphthalene	13.75	162	284497	36.663	ng		99
47) 2-Nitroaniline	13.96	65	110767	38.408	ng	#	90
48) Acenaphthylene	14.59	152	465166	37.521	ng		96
49) Dimethylphthalate	14.31	163	410288	38.077	ng		96
50) 2,6-Dinitrotoluene	14.44	165	92290	38.493	ng	#	79
51) Acenaphthene	14.93	154	277522	36.851	ng		95
52) 3-Nitroaniline	14.77	138	56520	26.657	ng	#	89
53) 2,4-Dinitrophenol	14.99	184	93952	74.931	ng		92
54) Dibenzofuran	15.26	168	478002	39.801	ng		95
55) 4-Nitrophenol	15.09	139	120569	77.617	ng	#	79
56) 2,4-Dinitrotoluene	15.23	165	133556	39.617	ng	#	90
57) Fluorene	15.91	166	403882	37.669	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.49	232	133803	45.056	ng	#	90
59) Diethylphthalate	15.66	149	418205	37.768	ng		97
60) 4-Chlorophenyl-phenylether	15.89	204	229535	37.596	ng		93
61) 4-Nitroaniline	15.94	138	87483	38.947	ng	#	87
62) Azobenzene	16.19	77	387751	41.636	ng		94
64) 4,6-Dinitro-2-methylphenol	16.00	198	76045	36.972	ng		95
65) n-Nitrosodiphenylamine	16.11	169	349669	38.267	ng		97
66) 4-Bromophenyl-phenylether	16.79	248	159471	38.881	ng		95
67) Hexachlorobenzene	16.93	284	171377	36.712	ng	#	84
68) Atrazine	17.05	200	153102	39.022	ng		99
69) Pentachlorophenol	17.27	266	164528	78.006	ng		96
70) Phenanthrene	17.66	178	638430	39.166	ng		94
71) Anthracene	17.75	178	661265	40.159	ng		98
72) Carbazole	18.02	167	575390	38.799	ng		95
73) Di-n-butylphthalate	18.55	149	697828	38.376	ng	#	94
74) Fluoranthene	19.66	202	802685	40.329	ng		94
76) Benzidine	19.83	184	229068	25.339	ng		98
77) Pyrene	20.02	202	825027	41.030	ng		98
79) Butylbenzylphthalate	20.89	149	308292	37.962	ng		94
80) Benzo(a)anthracene	21.91	228	820252	39.089	ng		95
81) 3,3'-Dichlorobenzidine	21.81	252	219568	25.808	ng		94
82) Chrysene	21.98	228	771189	38.733	ng		94
83) Bis(2-ethylhexyl)phthalate	21.77	149	417485	36.161	ng		99
84) Di-n-octyl phthalate	23.04	149	697213	34.564	ng	#	89
85) Indeno(1,2,3-cd)pyrene	29.28	276	913427	35.706	ng	#	96
87) Benzo(b)fluoranthene	24.26	252	807301	40.964	ng		95
88) Benzo(k)fluoranthene	24.33	252	768706	39.050	ng		95
89) Benzo(a)pyrene	25.19	252	766573	40.980	ng		96
90) Dibenzo(a,h)anthracene	29.32	278	776671	39.825	ng		98
91) Benzo(g,h,i)perylene	30.51	276	753993	39.623	ng		98

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

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