Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092017\
Data File : BG028835.D
Acq On : 20 Sep 2017 17:14
Operator : SJ/JU
Sample : PB102470BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB102470BS

Manual Integrations APPROVED
Sohil
9/22/2017 3:58:14 PM

Quant Time: Sep 21 03:59:49 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	8.28	152	36410	20.00	ng		-0.05
21) Naphthalene-d8	11.11	136	158997	20.00	ng		-0.04
38) Acenaphthene-d10	14.91	164	113921	20.00	ng		-0.04
63) Phenanthrene-d10	17.66	188	301548	20.00	ng		-0.03
75) Chrysene-d12	21.99	240	347123	20.00	ng		-0.05
86) Perylene-d12	25.45	264	349585	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.86	112	290024	131.43	ng		-0.04
7) Phenol-d6	7.45	99	399911	120.37	ng		-0.04
23) Nitrobenzene-d5	9.46	82	248708	74.83	ng		-0.05
41) 2,4,6-Tribromophenol	16.40	330	229680	121.90	ng		-0.03
44) 2-Fluorobiphenyl	13.53	172	645059	75.50	ng		-0.04
78) Terphenyl-d14	20.25	244	1165316	71.59	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.78	88	24459	27.372	ng	#	89
3) Pyridine	4.17	79	77429	30.376	ng		86
4) n-Nitrosodimethylamine	4.09	42	37687	32.502	ng	#	75
6) Aniline	7.61	93	113649	29.393	ng		94
8) 2-Chlorophenol	7.86	128	92659	37.668	ng		93
9) Benzaldehyde	7.43	77	32414	15.726	ng		95
10) Phenol	7.47	94	134449	38.346	ng		89
11) bis(2-Chloroethyl)ether	7.70	93	82956	32.954	ng		93
12) 1,3-Dichlorobenzene	8.18	146	92980	35.103	ng		94
13) 1,4-Dichlorobenzene	8.33	146	96845	35.557	ng		98
14) 1,2-Dichlorobenzene	8.64	146	94612	35.161	ng		97
15) Benzyl Alcohol	8.53	79	96870	37.351	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.81	45	150937	32.991	ng		95
17) 2-Methylphenol	8.73	107	85708	37.408	ng		91
18) Hexachloroethane	9.37	117	35327	35.388	ng		97
19) n-Nitroso-di-n-propylamine	9.09	70	78245	33.223	ng	#	84
20) 3+4-Methylphenols	9.05	107	119994	37.443	ng		90
22) Acetophenone	9.11	105	145780	31.358	ng	#	87
24) Nitrobenzene	9.50	77	121580	33.034	ng		93
25) Isophorone	10.02	82	212953	31.665	ng		99
26) 2-Nitrophenol	10.22	139	53141	33.926	ng	#	83
27) 2,4-Dimethylphenol	10.26	122	102150	35.677	ng		93
28) bis(2-Chloroethoxy)methane	10.49	93	122466	33.533	ng		99
29) 2,4-Dichlorophenol	10.76	162	105647	37.085	ng		96
30) 1,2,4-Trichlorobenzene	10.97	180	110412	33.974	ng		99
31) Naphthalene	11.16	128	287332	34.601	ng		99
32) Benzoic acid	10.42	122	54800m	29.619	ng		
33) 4-Chloroaniline	11.27	127	65054	18.700	ng	#	90
34) Hexachlorobutadiene	11.43	225	78874	32.951	ng		96
35) Caprolactam	12.05	113	38114m	37.309	ng		
36) 4-Chloro-3-methylphenol	12.37	107	122512	33.044	ng		93
37) 2-Methylnaphthalene	12.74	142	221687	35.756	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.11	216	143365	30.607	ng		98
40) Hexachlorocyclopentadiene	13.08	237	143845	79.141	ng		97

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Quant Time: Sep 21 03:59:49 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)
42) 2,4,6-Trichlorophenol	13.35	196	98336	33.077	ng		95
43) 2,4,5-Trichlorophenol	13.43	196	109515	36.660	ng	#	89
45) 1,1'-Biphenyl	13.74	154	301327	31.947	ng		94
46) 2-Chloronaphthalene	13.79	162	234715	34.117	ng		97
47) 2-Nitroaniline	14.00	65	87717	34.307	ng		91
48) Acenaphthylene	14.64	152	375119	34.129	ng		97
49) Dimethylphthalate	14.35	163	326610	34.190	ng		98
50) 2,6-Dinitrotoluene	14.48	165	76437	35.960	ng	#	74
51) Acenaphthene	14.97	154	225304	33.744	ng		96
52) 3-Nitroaniline	14.82	138	49681	26.430	ng	#	79
53) 2,4-Dinitrophenol	15.03	184	67218	62.013	ng		93
54) Dibenzofuran	15.31	168	400424	37.607	ng		91
55) 4-Nitrophenol	15.13	139	95483	69.331	ng	#	77
56) 2,4-Dinitrotoluene	15.28	165	112359	37.593	ng	#	84
57) Fluorene	15.95	166	334565	35.196	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.54	232	104487	39.686	ng	#	94
59) Diethylphthalate	15.71	149	342339	34.872	ng		98
60) 4-Chlorophenyl-phenylether	15.93	204	189562	35.021	ng		91
61) 4-Nitroaniline	15.98	138	73811	37.065	ng	#	86
62) Azobenzene	16.23	77	315854	38.255	ng		91
64) 4,6-Dinitro-2-methylphenol	16.04	198	61669	31.694	ng		94
65) n-Nitrosodiphenylamine	16.15	169	292257	33.809	ng		100
66) 4-Bromophenyl-phenylether	16.83	248	135615	34.951	ng		91
67) Hexachlorobenzene	16.97	284	142812	32.339	ng	#	84
68) Atrazine	17.10	200	129332	34.845	ng		99
69) Pentachlorophenol	17.31	266	132930	66.622	ng		99
70) Phenanthrene	17.70	178	555161	36.001	ng		95
71) Anthracene	17.80	178	563306	36.162	ng		99
72) Carbazole	18.07	167	487195	34.727	ng	#	93
73) Di-n-butylphthalate	18.59	149	584455	33.975	ng	#	94
74) Fluoranthene	19.71	202	683101	36.280	ng		93
76) Benzidine	19.88	184	345588	38.391	ng		95
77) Pyrene	20.07	202	695712	34.747	ng		96
79) Butylbenzylphthalate	20.93	149	264517	32.712	ng		92
80) Benzo(a)anthracene	21.96	228	729769	34.926	ng		93
81) 3,3'-Dichlorobenzidine	21.87	252	198293	23.407	ng	#	95
82) Chrysene	22.04	228	682844	34.443	ng		95
83) Bis(2-ethylhexyl)phthalate	21.82	149	375420	32.656	ng		98
84) Di-n-octyl phthalate	23.11	149	647145	32.219	ng	#	88
85) Indeno(1,2,3-cd)pyrene	29.44	276	863119	33.884	ng		100
87) Benzo(b)fluoranthene	24.35	252	735318	35.108	ng		98
88) Benzo(k)fluoranthene	24.42	252	728292	34.812	ng		95
89) Benzo(a)pyrene	25.29	252	715490	35.990	ng		98
90) Dibenzo(a,h)anthracene	29.51	278	728624	35.154	ng		96
91) Benzo(g,h,i)perylene	30.71	276	690957	34.166	ng		98

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

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