Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091817\
Data File : BG028797.D
Acq On : 18 Sep 2017 16:20
Operator : SJ/JU
Sample : PB102395BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB102395BSD

Manual Integrations APPROVED
Sohil
9/19/2017 5:32:51 PM

Quant Time: Sep 19 02:45:17 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	30463	20.00	ng		-0.04
21) Naphthalene-d8	11.11	136	124928	20.00	ng		-0.04
38) Acenaphthene-d10	14.91	164	98938	20.00	ng		-0.04
63) Phenanthrene-d10	17.66	188	266897	20.00	ng		-0.04
75) Chrysene-d12	21.98	240	296915	20.00	ng		-0.05
86) Perylene-d12	25.45	264	304348	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.86	112	268998	145.70	ng		-0.04
7) Phenol-d6	7.45	99	375415	135.06	ng		-0.04
23) Nitrobenzene-d5	9.46	82	231151	88.51	ng		-0.04
41) 2,4,6-Tribromophenol	16.40	330	247967	151.53	ng		-0.04
44) 2-Fluorobiphenyl	13.53	172	641585	86.47	ng		-0.04
78) Terphenyl-d14	20.24	244	1178765	84.66	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.78	88	23234	31.077	ng	#	92
3) Pyridine	4.17	79	69179	32.438	ng	#	90
4) n-Nitrosodimethylamine	4.09	42	35170	36.253	ng	#	68
6) Aniline	7.61	93	108339	33.490	ng	#	96
8) 2-Chlorophenol	7.85	128	86010	41.791	ng		96
9) Benzaldehyde	7.43	77	34360	19.924	ng		90
10) Phenol	7.47	94	122495	41.757	ng		91
11) bis(2-Chloroethyl)ether	7.70	93	78482	37.264	ng		90
12) 1,3-Dichlorobenzene	8.18	146	83201	37.543	ng		92
13) 1,4-Dichlorobenzene	8.32	146	85147	37.365	ng		97
14) 1,2-Dichlorobenzene	8.65	146	85920	38.164	ng		93
15) Benzyl Alcohol	8.52	79	90603	41.754	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.81	45	138585	36.205	ng		97
17) 2-Methylphenol	8.73	107	79637	41.544	ng		93
18) Hexachloroethane	9.37	117	31420	37.619	ng	#	84
19) n-Nitroso-di-n-propylamine	9.09	70	71653	36.363	ng	#	87
20) 3+4-Methylphenols	9.06	107	109939	41.003	ng		91
22) Acetophenone	9.12	105	136897	37.477	ng	#	86
24) Nitrobenzene	9.50	77	110370	38.167	ng		95
25) Isophorone	10.02	82	200336	37.913	ng		99
26) 2-Nitrophenol	10.21	139	48090	39.074	ng		94
27) 2,4-Dimethylphenol	10.26	122	89909	39.965	ng		94
28) bis(2-Chloroethoxy)methane	10.49	93	114399	39.866	ng	#	96
29) 2,4-Dichlorophenol	10.76	162	98301	43.916	ng		93
30) 1,2,4-Trichlorobenzene	10.97	180	101753	39.848	ng		94
31) Naphthalene	11.16	128	261484	40.075	ng		98
32) Benzoic acid	10.41	122	50595	33.738	ng		94
33) 4-Chloroaniline	11.27	127	68367	25.012	ng		95
34) Hexachlorobutadiene	11.43	225	70493	37.480	ng		98
35) Caprolactam	12.05	113	38053m	47.407	ng		
36) 4-Chloro-3-methylphenol	12.38	107	121832	41.823	ng		93
37) 2-Methylnaphthalene	12.75	142	210699	43.252	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.11	216	139591	34.314	ng		97
40) Hexachlorocyclopentadiene	13.08	237	136247	85.623	ng		99

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Quant Time: Sep 19 02:45:17 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
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.35	196	97224	37.656	ng		94
43) 2,4,5-Trichlorophenol	13.43	196	110068	42.425	ng	#	91
45) 1,1'-Biphenyl	13.74	154	288820	35.258	ng		97
46) 2-Chloronaphthalene	13.79	162	227674	38.105	ng		99
47) 2-Nitroaniline	13.99	65	91172	41.058	ng	#	89
48) Acenaphthylene	14.63	152	380668	39.879	ng		95
49) Dimethylphthalate	14.35	163	334524	40.321	ng		98
50) 2,6-Dinitrotoluene	14.48	165	77387	41.920	ng		84
51) Acenaphthene	14.97	154	227270	39.194	ng		95
52) 3-Nitroaniline	14.82	138	52624	32.235	ng	#	86
53) 2,4-Dinitrophenol	15.03	184	79196	81.274	ng		97
54) Dibenzofuran	15.30	168	403912	43.680	ng		95
55) 4-Nitrophenol	15.13	139	103719	86.717	ng	#	71
56) 2,4-Dinitrotoluene	15.27	165	116317	44.811	ng	#	85
57) Fluorene	15.95	166	346857	42.015	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.53	232	113035	49.435	ng	#	94
59) Diethylphthalate	15.70	149	358464	42.044	ng		96
60) 4-Chlorophenyl-phenylether	15.94	204	195868	41.666	ng		89
61) 4-Nitroaniline	15.98	138	73447	42.467	ng	#	84
62) Azobenzene	16.23	77	321897	44.891	ng		90
64) 4,6-Dinitro-2-methylphenol	16.04	198	69834	40.550	ng		94
65) n-Nitrosodiphenylamine	16.15	169	308051	40.263	ng		99
66) 4-Bromophenyl-phenylether	16.83	248	141583	41.227	ng		95
67) Hexachlorobenzene	16.97	284	150568	38.522	ng	#	86
68) Atrazine	17.09	200	133318	40.582	ng		98
69) Pentachlorophenol	17.31	266	145490	82.383	ng		100
70) Phenanthrene	17.71	178	577773	42.332	ng		93
71) Anthracene	17.79	178	598486	43.408	ng		96
72) Carbazole	18.06	167	512132	41.243	ng		95
73) Di-n-butylphthalate	18.59	149	612687	40.241	ng	#	94
74) Fluoranthene	19.70	202	711959	42.722	ng		93
76) Benzidine	19.87	184	269130	34.953	ng		96
77) Pyrene	20.07	202	729567	42.599	ng		94
79) Butylbenzylphthalate	20.93	149	277460	40.115	ng		90
80) Benzo(a)anthracene	21.97	228	755802	42.289	ng		96
81) 3,3'-Dichlorobenzidine	21.87	252	222832	30.752	ng		96
82) Chrysene	22.04	228	703580	41.490	ng		96
83) Bis(2-ethylhexyl)phthalate	21.82	149	391472	39.811	ng		97
84) Di-n-octyl phthalate	23.11	149	685311	39.889	ng	#	87
85) Indeno(1,2,3-cd)pyrene	29.44	276	903356	41.460	ng	#	98
87) Benzo(b)fluoranthene	24.35	252	781191	42.842	ng		96
88) Benzo(k)fluoranthene	24.42	252	763906	41.941	ng		93
89) Benzo(a)pyrene	25.29	252	750066	43.337	ng		98
90) Dibenzo(a,h)anthracene	29.50	278	747738	41.439	ng		98
91) Benzo(g,h,i)perylene	30.69	276	728391	41.371	ng		99

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

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