Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091517\
Data File : BG028768.D
Acq On : 15 Sep 2017 15:23
Operator : SJ/JU
Sample : PB102295BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB102295BS

Manual Integrations APPROVED
Sohil
9/18/2017 3:31:37 PM

Quant Time: Sep 16 05:22:32 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	26505	20.00	ng		-0.04
21) Naphthalene-d8	11.11	136	115229	20.00	ng		-0.04
38) Acenaphthene-d10	14.90	164	90485	20.00	ng		-0.04
63) Phenanthrene-d10	17.66	188	268126	20.00	ng		-0.04
75) Chrysene-d12	21.98	240	315462	20.00	ng		-0.05
86) Perylene-d12	25.44	264	316357	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.86	112	223660	139.24	ng		-0.05
7) Phenol-d6	7.45	99	306933	126.91	ng		-0.04
23) Nitrobenzene-d5	9.46	82	186872	77.58	ng		-0.05
41) 2,4,6-Tribromophenol	16.40	330	223467	149.32	ng		-0.04
44) 2-Fluorobiphenyl	13.52	172	530801	78.22	ng		-0.04
78) Terphenyl-d14	20.24	244	1108208	74.92	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.78	88	21106	32.446	ng		95
3) Pyridine	4.17	79	63463	34.201	ng	#	90
4) n-Nitrosodimethylamine	4.09	42	29829	35.339	ng	#	67
6) Aniline	7.61	93	85904	30.520	ng		96
8) 2-Chlorophenol	7.85	128	74572	41.645	ng		96
9) Benzaldehyde	7.43	77	40205	26.795	ng		95
10) Phenol	7.47	94	109566	42.927	ng		90
11) bis(2-Chloroethyl)ether	7.69	93	64451	35.171	ng		91
12) 1,3-Dichlorobenzene	8.18	146	73001	37.860	ng		93
13) 1,4-Dichlorobenzene	8.32	146	75813	38.237	ng		97
14) 1,2-Dichlorobenzene	8.65	146	73568	37.557	ng		93
15) Benzyl Alcohol	8.52	79	77767	41.191	ng	#	91
16) 2,2'-oxybis(1-Chloropropan	8.81	45	115822	34.777	ng		99
17) 2-Methylphenol	8.72	107	70581	42.318	ng		91
18) Hexachloroethane	9.38	117	27629	38.020	ng		92
19) n-Nitroso-di-n-propylamine	9.09	70	61723	36.002	ng		90
20) 3+4-Methylphenols	9.05	107	97374	41.740	ng		94
22) Acetophenone	9.11	105	116774	34.659	ng	#	89
24) Nitrobenzene	9.50	77	96325	36.113	ng	#	90
25) Isophorone	10.02	82	178804	36.686	ng		99
26) 2-Nitrophenol	10.22	139	41898	36.908	ng		89
27) 2,4-Dimethylphenol	10.26	122	83061	40.029	ng		99
28) bis(2-Chloroethoxy)methane	10.49	93	100640	38.024	ng		97
29) 2,4-Dichlorophenol	10.76	162	90180	43.679	ng		96
30) 1,2,4-Trichlorobenzene	10.97	180	85855	36.452	ng		92
31) Naphthalene	11.16	128	229249	38.092	ng		97
32) Benzoic acid	10.40	122	46959	33.911	ng	#	91
33) 4-Chloroaniline	11.27	127	48037	19.054	ng		94
34) Hexachlorobutadiene	11.43	225	61265	35.316	ng		97
35) Caprolactam	12.04	113	36311m	49.045	ng		
36) 4-Chloro-3-methylphenol	12.37	107	112229	41.769	ng		99
37) 2-Methylnaphthalene	12.74	142	186676	41.546	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.11	216	121764	32.728	ng		97
40) Hexachlorocyclopentadiene	13.08	237	112674	78.152	ng		94

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Quant Time: Sep 16 05:22:32 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	89243	37.794	ng		98
43) 2,4,5-Trichlorophenol	13.42	196	98602	41.556	ng		92
45) 1,1'-Biphenyl	13.73	154	262802	35.079	ng		96
46) 2-Chloronaphthalene	13.79	162	204039	37.340	ng		99
47) 2-Nitroaniline	13.99	65	85857	42.277	ng		90
48) Acenaphthylene	14.63	152	343495	39.346	ng		96
49) Dimethylphthalate	14.35	163	313484	41.315	ng		99
50) 2,6-Dinitrotoluene	14.48	165	71434	42.310	ng		85
51) Acenaphthene	14.97	154	208209	39.261	ng		91
52) 3-Nitroaniline	14.82	138	45727	30.627	ng	#	85
53) 2,4-Dinitrophenol	15.03	184	67854	76.645	ng		94
54) Dibenzofuran	15.30	168	367714	43.480	ng		95
55) 4-Nitrophenol	15.13	139	102855	94.028	ng	#	72
56) 2,4-Dinitrotoluene	15.27	165	111583	47.003	ng	#	83
57) Fluorene	15.95	166	319953	42.377	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.53	232	108427	51.849	ng	#	91
59) Diethylphthalate	15.70	149	340747	43.700	ng		99
60) 4-Chlorophenyl-phenylether	15.93	204	181135	42.132	ng		88
61) 4-Nitroaniline	15.98	138	72222	45.660	ng		91
62) Azobenzene	16.23	77	305251	46.547	ng		90
64) 4,6-Dinitro-2-methylphenol	16.04	198	61980	35.824	ng		97
65) n-Nitrosodiphenylamine	16.15	169	291423	37.915	ng		100
66) 4-Bromophenyl-phenylether	16.83	248	132066	38.279	ng		96
67) Hexachlorobenzene	16.96	284	140218	35.709	ng	#	89
68) Atrazine	17.10	200	133456	40.438	ng		98
69) Pentachlorophenol	17.31	266	143496	80.881	ng		96
70) Phenanthrene	17.70	178	573270	41.810	ng		94
71) Anthracene	17.79	178	582558	42.059	ng		96
72) Carbazole	18.06	167	509272	40.825	ng	#	93
73) Di-n-butylphthalate	18.59	149	616823	40.326	ng	#	93
74) Fluoranthene	19.70	202	710339	42.429	ng		94
76) Benzidine	19.87	184	255279	31.205	ng		98
77) Pyrene	20.06	202	738176	40.568	ng		95
79) Butylbenzylphthalate	20.93	149	275950	37.551	ng		88
80) Benzo(a)anthracene	21.96	228	771896	40.650	ng		95
81) 3,3'-Dichlorobenzidine	21.86	252	188255	24.453	ng		98
82) Chrysene	22.03	228	714204	39.640	ng		94
83) Bis(2-ethylhexyl)phthalate	21.81	149	392250	37.545	ng		100
84) Di-n-octyl phthalate	23.10	149	676064	37.037	ng	#	88
85) Indeno(1,2,3-cd)pyrene	29.43	276	904883	39.089	ng	#	99
87) Benzo(b)fluoranthene	24.33	252	796058	42.000	ng	#	99
88) Benzo(k)fluoranthene	24.41	252	753606	39.805	ng		95
89) Benzo(a)pyrene	25.29	252	755796	42.010	ng		98
90) Dibenzo(a,h)anthracene	29.49	278	768608	40.978	ng		99
91) Benzo(g,h,i)perylene	30.69	276	748565	40.903	ng		98

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

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