Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091517\
Data File : BG028778.D
Acq On : 15 Sep 2017 21:59
Operator : SJ/JU
Sample : IDOC-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 16 06:02:50 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

Instrument :
BNA_G
ClientSampleId :
IDOC-03

Manual Integrations APPROVED
Sohil
9/18/2017 3:31:48 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	31128	20.00	ng		-0.04
21) Naphthalene-d8	11.11	136	135935	20.00	ng		-0.04
38) Acenaphthene-d10	14.91	164	99178	20.00	ng		-0.03
63) Phenanthrene-d10	17.66	188	253278	20.00	ng		-0.03
75) Chrysene-d12	21.99	240	286993	20.00	ng		-0.05
86) Perylene-d12	25.45	264	286427	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.86	112	246162	130.49	ng		-0.04
7) Phenol-d6	7.45	99	355084	125.01	ng		-0.04
23) Nitrobenzene-d5	9.46	82	216084	76.04	ng		-0.05
41) 2,4,6-Tribromophenol	16.40	330	210135	128.10	ng		-0.03
44) 2-Fluorobiphenyl	13.53	172	613049	82.42	ng		-0.03
78) Terphenyl-d14	20.25	244	1001720	74.44	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.78	88	22899	29.974	ng		96
3) Pyridine	4.18	79	54486	25.003	ng	#	79
4) n-Nitrosodimethylamine	4.10	42	34737	35.042	ng	#	81
6) Aniline	7.61	93	81521	24.661	ng	#	95
8) 2-Chlorophenol	7.86	128	84265	40.069	ng		91
9) Benzaldehyde	7.43	77	20782	11.793	ng	#	73
10) Phenol	7.47	94	127550	42.551	ng		89
11) bis(2-Chloroethyl)ether	7.70	93	77051	35.803	ng		87
12) 1,3-Dichlorobenzene	8.18	146	84265m	37.211	ng		
13) 1,4-Dichlorobenzene	8.33	146	84261	36.186	ng		95
14) 1,2-Dichlorobenzene	8.65	146	82927	36.048	ng		94
15) Benzyl Alcohol	8.53	79	87145	39.303	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.80	45	130816	33.445	ng		96
17) 2-Methylphenol	8.73	107	78210	39.928	ng	#	92
18) Hexachloroethane	9.38	117	30872	36.173	ng		87
19) n-Nitroso-di-n-propylamine	9.09	70	71993	35.755	ng	#	82
20) 3+4-Methylphenols	9.06	107	108484	39.596	ng		94
22) Acetophenone	9.11	105	133177	33.507	ng	#	86
24) Nitrobenzene	9.51	77	105944	33.670	ng		93
25) Isophorone	10.02	82	203141	35.331	ng		99
26) 2-Nitrophenol	10.22	139	48398	36.140	ng	#	88
27) 2,4-Dimethylphenol	10.26	122	68415	27.948	ng		98
28) bis(2-Chloroethoxy)methane	10.49	93	112532	36.040	ng		98
29) 2,4-Dichlorophenol	10.76	162	95665	39.278	ng		97
30) 1,2,4-Trichlorobenzene	10.98	180	98730	35.534	ng		93
31) Naphthalene	11.16	128	263089	37.057	ng		99
32) Benzoic acid	10.41	122	45989	29.186	ng		94
33) 4-Chloroaniline	11.28	127	47381	15.931	ng	#	87
34) Hexachlorobutadiene	11.43	225	70220	34.312	ng		93
35) Caprolactam	12.05	113	33965m	38.888	ng		
36) 4-Chloro-3-methylphenol	12.38	107	115092	36.310	ng		91
37) 2-Methylnaphthalene	12.75	142	210741	39.758	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.11	216	134902	33.081	ng	#	96
40) Hexachlorocyclopentadiene	13.08	237	115956	73.843	ng		99

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091217.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.36	196	92271	35.651	ng		88
43) 2,4,5-Trichlorophenol	13.43	196	99841	38.390	ng	#	91
45) 1,1'-Biphenyl	13.74	154	272754	33.216	ng		98
46) 2-Chloronaphthalene	13.80	162	218721	36.518	ng		99
47) 2-Nitroaniline	14.00	65	83536	37.528	ng		91
48) Acenaphthylene	14.64	152	350160	36.594	ng		97
49) Dimethylphthalate	14.35	163	334159	40.180	ng		98
50) 2,6-Dinitrotoluene	14.48	165	70237	37.955	ng	#	81
51) Acenaphthene	14.98	154	210864	36.276	ng		98
52) 3-Nitroaniline	14.82	138	43137	26.360	ng		99
53) 2,4-Dinitrophenol	15.04	184	64921	67.921	ng		96
54) Dibenzofuran	15.31	168	371024	40.026	ng		93
55) 4-Nitrophenol	15.13	139	87497	72.977	ng	#	76
56) 2,4-Dinitrotoluene	15.28	165	100836	38.753	ng	#	83
57) Fluorene	15.96	166	315880	38.170	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.53	232	99189	43.274	ng	#	91
59) Diethylphthalate	15.71	149	313560	36.688	ng		97
60) 4-Chlorophenyl-phenylether	15.94	204	181564	38.530	ng		89
61) 4-Nitroaniline	15.99	138	63747	36.769	ng		91
62) Azobenzene	16.23	77	303223	42.185	ng		90
64) 4,6-Dinitro-2-methylphenol	16.04	198	62057	37.971	ng		96
65) n-Nitrosodiphenylamine	16.16	169	270771	37.293	ng		99
66) 4-Bromophenyl-phenylether	16.84	248	124595	38.231	ng		93
67) Hexachlorobenzene	16.97	284	133219	35.916	ng	#	89
68) Atrazine	17.10	200	113560	36.427	ng		95
69) Pentachlorophenol	17.32	266	122170	72.898	ng		96
70) Phenanthrene	17.70	178	503895	38.904	ng		95
71) Anthracene	17.80	178	498908	38.132	ng		96
72) Carbazole	18.07	167	437376	37.117	ng	#	94
73) Di-n-butylphthalate	18.60	149	535014	37.029	ng	#	93
74) Fluoranthene	19.71	202	628134	39.718	ng		93
76) Benzidine	19.88	184	83848	11.266	ng		95
77) Pyrene	20.06	202	643919	38.898	ng		95
79) Butylbenzylphthalate	20.93	149	241461	36.117	ng		92
80) Benzo(a)anthracene	21.97	228	665897	38.547	ng		93
81) 3,3'-Dichlorobenzidine	21.87	252	159587	22.785	ng	#	98
82) Chrysene	22.04	228	623463	38.037	ng		94
83) Bis(2-ethylhexyl)phthalate	21.82	149	348291	36.644	ng		99
84) Di-n-octyl phthalate	23.11	149	593116	35.716	ng	#	89
85) Indeno(1,2,3-cd)pyrene	29.44	276	779564	37.016	ng	#	98
87) Benzo(b)fluoranthene	24.35	252	676385m	39.415	ng		
88) Benzo(k)fluoranthene	24.42	252	668613	39.006	ng		96
89) Benzo(a)pyrene	25.29	252	649125	39.852	ng	#	96
90) Dibenzo(a,h)anthracene	29.51	278	652035	38.396	ng		98
91) Benzo(g,h,i)perylene	30.69	276	643268	38.822	ng		97

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

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