Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092217\
Data File : BG028881.D
Acq On : 22 Sep 2017 19:21
Operator : SJ/JU
Sample : PB102487BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB102487BSD

Manual Integrations APPROVED
Sohil
9/25/2017 6:22:25 PM

Quant Time: Sep 22 23:59:06 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	22620	20.00	ng		-0.05
21) Naphthalene-d8	11.10	136	96645	20.00	ng		-0.05
38) Acenaphthene-d10	14.89	164	78871	20.00	ng		-0.05
63) Phenanthrene-d10	17.64	188	237498	20.00	ng		-0.05
75) Chrysene-d12	21.96	240	281380	20.00	ng		-0.07
86) Perylene-d12	25.41	264	285392	20.00	ng		-0.12
System Monitoring Compounds							
5) 2-Fluorophenol	5.85	112	178136	129.94	ng		-0.05
7) Phenol-d6	7.43	99	252821	122.49	ng		-0.06
23) Nitrobenzene-d5	9.45	82	155083	76.76	ng		-0.06
41) 2,4,6-Tribromophenol	16.39	330	182682	140.04	ng		-0.05
44) 2-Fluorobiphenyl	13.51	172	434661	73.49	ng		-0.05
78) Terphenyl-d14	20.23	244	993628	75.31	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	3.77	88	19665	35.423	ng		88
3) Pyridine	4.16	79	53039	33.493	ng		91
4) n-Nitrosodimethylamine	4.08	42	26981	37.455	ng	#	77
6) Aniline	7.60	93	67160	27.959	ng	#	89
8) 2-Chlorophenol	7.84	128	60124	39.343	ng		91
9) Benzaldehyde	7.42	77	20703	16.167	ng		94
10) Phenol	7.46	94	84304	38.702	ng		90
11) bis(2-Chloroethyl)ether	7.68	93	55421	35.438	ng		86
12) 1,3-Dichlorobenzene	8.17	146	61928	37.633	ng		98
13) 1,4-Dichlorobenzene	8.31	146	63176	37.336	ng		98
14) 1,2-Dichlorobenzene	8.64	146	62942	37.651	ng		95
15) Benzyl Alcohol	8.52	79	56806	35.256	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.79	45	95456	33.584	ng		97
17) 2-Methylphenol	8.72	107	54780	38.485	ng		88
18) Hexachloroethane	9.36	117	23388	37.712	ng		96
19) n-Nitroso-di-n-propylamine	9.07	70	50907	34.793	ng	#	86
20) 3+4-Methylphenols	9.04	107	76987	38.669	ng		90
22) Acetophenone	9.10	105	96308	34.081	ng	#	88
24) Nitrobenzene	9.49	77	76861	34.357	ng	#	89
25) Isophorone	10.00	82	141668	34.656	ng		97
26) 2-Nitrophenol	10.21	139	32547	34.184	ng		92
27) 2,4-Dimethylphenol	10.25	122	66035	37.943	ng		94
28) bis(2-Chloroethoxy)methane	10.48	93	80088	36.077	ng		98
29) 2,4-Dichlorophenol	10.75	162	67280	38.854	ng		97
30) 1,2,4-Trichlorobenzene	10.96	180	71872	36.383	ng		87
31) Naphthalene	11.15	128	183572	36.368	ng		98
32) Benzoic acid	10.39	122	31144	28.089	ng		97
33) 4-Chloroaniline	11.27	127	27137	12.834	ng	#	87
34) Hexachlorobutadiene	11.42	225	49396	33.949	ng		92
35) Caprolactam	12.03	113	30407m	48.968	ng		
36) 4-Chloro-3-methylphenol	12.37	107	89494	39.712	ng		99
37) 2-Methylnaphthalene	12.74	142	150818	40.020	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	96931	29.890	ng	#	95
40) Hexachlorocyclopentadiene	13.07	237	84914	68.600	ng		99

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Quant Time: Sep 22 23:59:06 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	13.34	196	77204	37.510	ng		89
43) 2,4,5-Trichlorophenol	13.42	196	80487	38.916	ng	#	94
45) 1,1'-Biphenyl	13.72	154	206503	31.623	ng		97
46) 2-Chloronaphthalene	13.78	162	162199	34.054	ng		98
47) 2-Nitroaniline	13.98	65	69070	39.019	ng	#	87
48) Acenaphthylene	14.62	152	278578	36.609	ng		96
49) Dimethylphthalate	14.34	163	255325	38.605	ng		98
50) 2,6-Dinitrotoluene	14.47	165	60591	41.172	ng	#	82
51) Acenaphthene	14.96	154	166553	36.031	ng		93
52) 3-Nitroaniline	14.80	138	32167	24.717	ng		87
53) 2,4-Dinitrophenol	15.02	184	52694	69.158	ng		96
54) Dibenzofuran	15.29	168	301464	40.895	ng		92
55) 4-Nitrophenol	15.12	139	87785	92.069	ng	#	76
56) 2,4-Dinitrotoluene	15.26	165	88568	42.802	ng	#	84
57) Fluorene	15.94	166	261542	39.741	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.52	232	84576	46.399	ng	#	92
59) Diethylphthalate	15.69	149	281544	41.424	ng		97
60) 4-Chlorophenyl-phenylether	15.92	204	149452	39.881	ng		90
61) 4-Nitroaniline	15.97	138	59816	43.385	ng		88
62) Azobenzene	16.21	77	249782	43.697	ng		91
64) 4,6-Dinitro-2-methylphenol	16.03	198	56397	36.801	ng		96
65) n-Nitrosodiphenylamine	16.14	169	239819	35.225	ng		96
66) 4-Bromophenyl-phenylether	16.82	248	108208	35.409	ng		94
67) Hexachlorobenzene	16.95	284	113969	32.767	ng	#	86
68) Atrazine	17.08	200	106738	36.513	ng		97
69) Pentachlorophenol	17.30	266	110626	70.396	ng		95
70) Phenanthrene	17.69	178	467676m	38.507	ng		
71) Anthracene	17.78	178	474742	38.695	ng		97
72) Carbazole	18.05	167	421227	38.122	ng		95
73) Di-n-butylphthalate	18.58	149	495159	36.547	ng	#	95
74) Fluoranthene	19.69	202	591332	39.876	ng		94
76) Benzidine	19.86	184	266791	36.563	ng		98
77) Pyrene	20.05	202	611091	37.652	ng		96
79) Butylbenzylphthalate	20.91	149	234632	35.795	ng		94
80) Benzo(a)anthracene	21.94	228	642626	37.942	ng		95
81) 3,3'-Dichlorobenzidine	21.84	252	146922	21.395	ng	#	97
82) Chrysene	22.01	228	600231	37.350	ng		95
83) Bis(2-ethylhexyl)phthalate	21.80	149	333576	35.796	ng		98
84) Di-n-octyl phthalate	23.08	149	584782	35.917	ng	#	88
85) Indeno(1,2,3-cd)pyrene	29.38	276	774966	37.532	ng		100
87) Benzo(b)fluoranthene	24.31	252	659656	38.580	ng		99
88) Benzo(k)fluoranthene	24.38	252	634081	37.126	ng		93
89) Benzo(a)pyrene	25.25	252	633244	39.018	ng		98
90) Dibenzo(a,h)anthracene	29.43	278	657592	38.864	ng		98
91) Benzo(g,h,i)perylene	30.62	276	642389	38.909	ng		99

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

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