Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092817\
Data File : BG028961.D
Acq On : 28 Sep 2017 15:39
Operator : SJ/JU
Sample : PB102674BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 29 05:36:46 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 : PB102674BS

Manual Integrations APPROVED
Sohil
9/29/2017 6:03:04 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	33629	20.00	ng		-0.05
21) Naphthalene-d8	11.10	136	140875	20.00	ng		-0.05
38) Acenaphthene-d10	14.89	164	97566	20.00	ng		-0.05
63) Phenanthrene-d10	17.64	188	246255	20.00	ng		-0.05
75) Chrysene-d12	21.97	240	299176	20.00	ng		-0.06
86) Perylene-d12	25.42	264	298571	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	5.85	112	172705	84.74	ng		-0.05
7) Phenol-d6	7.44	99	235890	76.87	ng		-0.05
23) Nitrobenzene-d5	9.45	82	229810	78.04	ng		-0.06
41) 2,4,6-Tribromophenol	16.39	330	125017	77.47	ng		-0.05
44) 2-Fluorobiphenyl	13.51	172	580956	79.40	ng		-0.05
78) Terphenyl-d14	20.23	244	1070785	76.33	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	3.77	88	28179	34.143	ng	#	85
3) Pyridine	4.17	79	85742	36.419	ng		96
4) n-Nitrosodimethylamine	4.08	42	43886	40.978	ng		83
6) Aniline	7.60	93	112579	31.524	ng		97
8) 2-Chlorophenol	7.84	128	97399	42.870	ng		91
9) Benzaldehyde	7.43	77	20554	10.796	ng		90
10) Phenol	7.46	94	135290	41.776	ng		90
11) bis(2-Chloroethyl)ether	7.68	93	91001	39.140	ng		86
12) 1,3-Dichlorobenzene	8.17	146	101185	41.360	ng		91
13) 1,4-Dichlorobenzene	8.31	146	100461	39.935	ng		96
14) 1,2-Dichlorobenzene	8.64	146	98766	39.740	ng		96
15) Benzyl Alcohol	8.52	79	94206	39.328	ng	#	90
16) 2,2'-oxybis(1-Chloropropan	8.79	45	163325	38.651	ng		99
17) 2-Methylphenol	8.72	107	89859	42.463	ng		92
18) Hexachloroethane	9.36	117	36742	39.850	ng		98
19) n-Nitroso-di-n-propylamine	9.08	70	81096	37.281	ng		89
20) 3+4-Methylphenols	9.04	107	122237	41.297	ng		90
22) Acetophenone	9.10	105	151030	36.666	ng	#	90
24) Nitrobenzene	9.49	77	126768	38.875	ng		91
25) Isophorone	10.01	82	216104	36.267	ng		97
26) 2-Nitrophenol	10.21	139	55807	40.211	ng		94
27) 2,4-Dimethylphenol	10.25	122	97637	38.487	ng		97
28) bis(2-Chloroethoxy)methane	10.48	93	124775	38.560	ng		97
29) 2,4-Dichlorophenol	10.75	162	104208	41.285	ng		91
30) 1,2,4-Trichlorobenzene	10.96	180	110858	38.499	ng		100
31) Naphthalene	11.15	128	294129	39.976	ng		98
32) Benzoic acid	10.40	122	44269	27.542	ng		95
33) 4-Chloroaniline	11.26	127	46603	15.120	ng	#	93
34) Hexachlorobutadiene	11.42	225	82501	38.899	ng		99
35) Caprolactam	12.04	113	34791m	38.437	ng		
36) 4-Chloro-3-methylphenol	12.37	107	121417	36.962	ng		92
37) 2-Methylnaphthalene	12.73	142	227734	41.457	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.10	216	146602	36.544	ng		98
40) Hexachlorocyclopentadiene	13.07	237	147928	93.503	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.34	196	99381	39.032	ng		91
43) 2,4,5-Trichlorophenol	13.42	196	105665	41.301	ng		93
45) 1,1'-Biphenyl	13.72	154	305702	37.843	ng		95
46) 2-Chloronaphthalene	13.78	162	240799	40.869	ng		98
47) 2-Nitroaniline	13.98	65	91759	41.904	ng		94
48) Acenaphthylene	14.62	152	374507	39.785	ng		96
49) Dimethylphthalate	14.34	163	330264	40.367	ng		99
50) 2,6-Dinitrotoluene	14.47	165	72278	39.703	ng	#	81
51) Acenaphthene	14.96	154	229033	40.053	ng		97
52) 3-Nitroaniline	14.81	138	43120	26.785	ng		98
53) 2,4-Dinitrophenol	15.02	184	63692	67.758	ng		95
54) Dibenzofuran	15.29	168	397553	43.596	ng		94
55) 4-Nitrophenol	15.12	139	88357	74.912	ng	#	75
56) 2,4-Dinitrotoluene	15.26	165	105151	41.079	ng	#	88
57) Fluorene	15.94	166	334293	41.063	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.52	232	104145	46.187	ng		93
59) Diethylphthalate	15.69	149	338745	40.290	ng		99
60) 4-Chlorophenyl-phenylether	15.92	204	188846	40.737	ng		90
61) 4-Nitroaniline	15.97	138	71911	42.164	ng	#	79
62) Azobenzene	16.22	77	314517	44.479	ng		94
64) 4,6-Dinitro-2-methylphenol	16.03	198	63010	39.654	ng		95
65) n-Nitrosodiphenylamine	16.14	169	285770	40.481	ng		97
66) 4-Bromophenyl-phenylether	16.82	248	131159	41.393	ng		98
67) Hexachlorobenzene	16.96	284	136237	37.777	ng	#	86
68) Atrazine	17.08	200	119880	39.551	ng		95
69) Pentachlorophenol	17.30	266	124850	76.622	ng		99
70) Phenanthrene	17.69	178	533932	42.399	ng		96
71) Anthracene	17.78	178	548050	43.082	ng		95
72) Carbazole	18.05	167	483957	42.241	ng		96
73) Di-n-butylphthalate	18.58	149	566379	40.317	ng	#	93
74) Fluoranthene	19.69	202	682656	44.397	ng		93
76) Benzidine	19.86	184	352179	45.394	ng		100
77) Pyrene	20.05	202	705498	40.883	ng		96
79) Butylbenzylphthalate	20.92	149	272091	39.041	ng		94
80) Benzo(a)anthracene	21.94	228	746026	41.427	ng		95
81) 3,3'-Dichlorobenzidine	21.85	252	183877	25.184	ng	#	99
82) Chrysene	22.02	228	692207	40.511	ng		97
83) Bis(2-ethylhexyl)phthalate	21.80	149	386258	38.984	ng		98
84) Di-n-octyl phthalate	23.08	149	665193	38.426	ng	#	88
85) Indeno(1,2,3-cd)pyrene	29.40	276	874410	39.829	ng		99
87) Benzo(b)fluoranthene	24.32	252	745379	41.669	ng		98
88) Benzo(k)fluoranthene	24.39	252	739932	41.411	ng		96
89) Benzo(a)pyrene	25.26	252	729772	42.980	ng	#	98
90) Dibenzo(a,h)anthracene	29.45	278	726633	41.048	ng		100
91) Benzo(g,h,i)perylene	30.63	276	719802	41.674	ng		97

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

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