Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092117\
Data File : BG028867.D
Acq On : 21 Sep 2017 21:04
Operator : SJ/JU
Sample : I5309-08MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-5-COMPMS

Manual Integrations APPROVED
Sohil
9/22/2017 3:58:59 PM

Quant Time: Sep 22 01:57:57 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	32774	20.00	ng		-0.04
21) Naphthalene-d8	11.11	136	136462	20.00	ng		-0.04
38) Acenaphthene-d10	14.91	164	101952	20.00	ng		-0.04
63) Phenanthrene-d10	17.66	188	276702	20.00	ng		-0.04
75) Chrysene-d12	21.98	240	325363	20.00	ng		-0.05
86) Perylene-d12	25.45	264	327683	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.86	112	305825	153.97	ng		-0.04
7) Phenol-d6	7.45	99	392363	131.20	ng		-0.04
23) Nitrobenzene-d5	9.46	82	289037	101.32	ng		-0.04
41) 2,4,6-Tribromophenol	16.40	330	281268	166.80	ng		-0.04
44) 2-Fluorobiphenyl	13.53	172	746368	97.62	ng		-0.04
78) Terphenyl-d14	20.25	244	1453621	95.28	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.79	88	27141	33.743	ng	#	95
3) Pyridine	4.19	79	51801	22.577	ng		95
4) n-Nitrosodimethylamine	4.10	42	41671	39.925	ng	#	73
6) Aniline	7.62	93	77033	22.133	ng		97
8) 2-Chlorophenol	7.86	128	93119	42.055	ng		87
9) Benzaldehyde	7.43	77	30272	16.316	ng		89
10) Phenol	7.47	94	115216	36.506	ng		88
11) bis(2-Chloroethyl)ether	7.70	93	85368	37.675	ng		95
12) 1,3-Dichlorobenzene	8.18	146	94933	39.817	ng		87
13) 1,4-Dichlorobenzene	8.32	146	103420	42.183	ng		95
14) 1,2-Dichlorobenzene	8.65	146	96350	39.779	ng		98
15) Benzyl Alcohol	8.53	79	90520	38.775	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.80	45	151944	36.896	ng		95
17) 2-Methylphenol	8.73	107	82721	40.110	ng		92
18) Hexachloroethane	9.37	117	35804	39.845	ng		85
19) n-Nitroso-di-n-propylamine	9.08	70	77318	36.472	ng		90
20) 3+4-Methylphenols	9.05	107	111530	38.663	ng		87
22) Acetophenone	9.11	105	148549	37.230	ng	#	87
24) Nitrobenzene	9.50	77	123459	39.084	ng		94
25) Isophorone	10.02	82	213825	37.045	ng		97
26) 2-Nitrophenol	10.22	139	51037	37.963	ng	#	82
27) 2,4-Dimethylphenol	10.26	122	89567	36.448	ng		96
28) bis(2-Chloroethoxy)methane	10.49	93	123867	39.517	ng		100
29) 2,4-Dichlorophenol	10.76	162	103742	42.430	ng		93
30) 1,2,4-Trichlorobenzene	10.97	180	108422	38.871	ng		99
31) Naphthalene	11.16	128	277782	38.975	ng		99
32) Benzoic acid	10.41	122	34314	23.255	ng	#	83
33) 4-Chloroaniline	11.28	127	21507	7.203	ng		95
34) Hexachlorobutadiene	11.43	225	77817	37.877	ng		95
35) Caprolactam	12.05	113	30775m	35.100	ng		
36) 4-Chloro-3-methylphenol	12.38	107	121992	38.338	ng		92
37) 2-Methylnaphthalene	12.75	142	223962	42.089	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.11	216	144887	34.563	ng		96
40) Hexachlorocyclopentadiene	13.08	237	133673	81.886	ng		92

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.35	196	97759	36.744	ng		96
43) 2,4,5-Trichlorophenol	13.43	196	108501	40.585	ng	#	87
45) 1,1'-Biphenyl	13.74	154	301663	35.737	ng		97
46) 2-Chloronaphthalene	13.79	162	232390	37.745	ng		98
47) 2-Nitroaniline	13.99	65	95000	41.517	ng		90
48) Acenaphthylene	14.63	152	381457	38.780	ng		98
49) Dimethylphthalate	14.35	163	341376	39.931	ng		98
50) 2,6-Dinitrotoluene	14.48	165	79768	41.932	ng	#	77
51) Acenaphthene	14.97	154	228778	38.287	ng		96
52) 3-Nitroaniline	14.82	138	45107	26.814	ng		93
53) 2,4-Dinitrophenol	15.03	184	47026	50.224	ng		91
54) Dibenzofuran	15.30	168	407823	42.799	ng		95
55) 4-Nitrophenol	15.13	139	88259	71.610	ng	#	74
56) 2,4-Dinitrotoluene	15.27	165	116636	43.606	ng	#	82
57) Fluorene	15.96	166	354028	41.616	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.53	232	112413	47.709	ng	#	92
59) Diethylphthalate	15.70	149	357613	40.704	ng		97
60) 4-Chlorophenyl-phenylether	15.94	204	199415	41.167	ng	#	87
61) 4-Nitroaniline	15.98	138	75808	42.536	ng		91
62) Azobenzene	16.23	77	328134	44.408	ng		90
64) 4,6-Dinitro-2-methylphenol	16.04	198	58979	33.033	ng		95
65) n-Nitrosodiphenylamine	16.16	169	308539	38.898	ng		98
66) 4-Bromophenyl-phenylether	16.83	248	143408	40.279	ng		94
67) Hexachlorobenzene	16.97	284	152974	37.750	ng	#	87
68) Atrazine	17.10	200	131837	38.710	ng		98
69) Pentachlorophenol	17.31	266	137535	75.119	ng		97
70) Phenanthrene	17.70	178	599516	42.369	ng		94
71) Anthracene	17.79	178	608843	42.595	ng		97
72) Carbazole	18.06	167	536737	41.693	ng	#	93
73) Di-n-butylphthalate	18.59	149	636988	40.354	ng	#	94
74) Fluoranthene	19.70	202	756057	43.760	ng		93
76) Benzidine	19.89	184	49773m	5.899	ng		
77) Pyrene	20.06	202	778306	41.472	ng		95
79) Butylbenzylphthalate	20.93	149	293815	38.765	ng		94
80) Benzo(a)anthracene	21.96	228	810203	41.369	ng		94
81) 3,3'-Dichlorobenzidine	21.87	252	197418	24.863	ng	#	99
82) Chrysene	22.04	228	754801	40.619	ng		94
83) Bis(2-ethylhexyl)phthalate	21.82	149	414272	38.446	ng		100
84) Di-n-octyl phthalate	23.11	149	721883	38.344	ng	#	88
85) Indeno(1,2,3-cd)pyrene	29.45	276	878508	36.795	ng	#	95
87) Benzo(b)fluoranthene	24.35	252	827744	42.163	ng	#	97
88) Benzo(k)fluoranthene	24.42	252	806218m	41.112	ng		
89) Benzo(a)pyrene	25.29	252	791327	42.465	ng		95
90) Dibenzo(a,h)anthracene	29.50	278	724349	37.284	ng	#	94
91) Benzo(g,h,i)perylene	30.69	276	703973	37.136	ng		98

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

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