Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072115\
Data File : BG018028.D
Acq On : 21 Jul 2015 18:46
Operator : TP/UM
Sample : G3027-09MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-08-1.0-1.5MS

Quant Time: Jul 22 03:12:40 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 22 01:57:03 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	39999	20.00	ng		-0.02
21) Naphthalene-d8	10.33	136	188183	20.00	ng		-0.02
38) Acenaphthene-d10	14.21	164	138983	20.00	ng		-0.02
63) Phenanthrene-d10	16.97	188	338525	20.00	ng		-0.02
75) Chrysene-d12	21.17	240	366115	20.00	ng		-0.02
86) Perylene-d12	23.37	264	376485	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.16	112	256718	111.96	ng		-0.02
7) Phenol-d6	6.74	99	357691	119.07	ng		-0.02
23) Nitrobenzene-d5	8.71	82	202899	69.83	ng		-0.02
41) 2,4,6-Tribromophenol	15.72	330	227327	161.44	ng		-0.02
44) 2-Fluorobiphenyl	12.83	172	604692	75.40	ng		-0.02
78) Terphenyl-d14	19.62	244	1108572	76.27	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.10	88	22670	22.49	ng		91
3) Pyridine	3.48	79	66740	24.78	ng	#	84
4) n-Nitrosodimethylamine	3.40	42	26121	25.55	ng	#	47
6) Aniline	6.88	93	122784	30.65	ng		91
8) 2-Chlorophenol	7.12	128	103927	38.45	ng		92
9) Benzaldehyde	6.70	77	27062	14.70	ng		92
10) Phenol	6.77	94	123703	38.58	ng		91
11) bis(2-Chloroethyl)ether	6.98	93	81742	32.59	ng		90
12) 1,3-Dichlorobenzene	7.44	146	100173	33.75	ng		94
13) 1,4-Dichlorobenzene	7.58	146	101467	33.35	ng		98
14) 1,2-Dichlorobenzene	7.90	146	100318	34.51	ng		98
15) Benzyl Alcohol	7.80	79	83294	37.49	ng	#	90
16) 2,2'-oxybis(1-Chloropropan	8.09	45	85462	28.29	ng		93
17) 2-Methylphenol	8.00	107	88588	39.63	ng		93
18) Hexachloroethane	8.62	117	36163	31.47	ng		87
19) n-Nitroso-di-n-propylamine	8.35	70	72498	33.05	ng	#	82
20) 3+4-Methylphenols	8.33	107	125316	41.42	ng		97
22) Acetophenone	8.37	105	134848	33.17	ng	#	89
24) Nitrobenzene	8.75	77	101875	32.91	ng	#	87
25) Isophorone	9.27	82	227690	37.37	ng		94
26) 2-Nitrophenol	9.45	139	67015	45.37	ng	#	86
27) 2,4-Dimethylphenol	9.53	122	111095	41.35	ng		94
28) bis(2-Chloroethoxy)methane	9.76	93	118705	34.96	ng		98
29) 2,4-Dichlorophenol	9.99	162	113124	47.26	ng		92
30) 1,2,4-Trichlorobenzene	10.20	180	101515	35.69	ng		97
31) Naphthalene	10.38	128	326295	35.43	ng		100
32) Benzoic acid	9.62	122	8733m	14.98	ng		
33) 4-Chloroaniline	10.50	127	144655	35.24	ng	#	93
34) Hexachlorobutadiene	10.67	225	57134	35.65	ng		98
35) Caprolactam	11.30	113	65674	53.99	ng		84
36) 4-Chloro-3-methylphenol	11.64	107	130755	48.12	ng		93
37) 2-Methylnaphthalene	12.01	142	257137	38.89	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.38	216	119956	32.20	ng		97
40) Hexachlorocyclopentadiene	12.36	237	137616	67.74	ng		97

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
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	12.63	196	104662	43.20	ng		99
43) 2,4,5-Trichlorophenol	12.71	196	115602	45.89	ng	#	94
45) 1,1'-Biphenyl	13.04	154	337211	34.66	ng		95
46) 2-Chloronaphthalene	13.08	162	268062	33.99	ng		94
47) 2-Nitroaniline	13.29	65	80789	38.16	ng	#	72
48) Acenaphthylene	13.94	152	475626	36.17	ng		98
49) Dimethylphthalate	13.68	163	527103	54.60	ng		100
50) 2,6-Dinitrotoluene	13.80	165	95001	43.42	ng	#	79
51) Acenaphthene	14.28	154	286342	35.95	ng		99
52) 3-Nitroaniline	14.13	138	93515	38.02	ng		88
53) 2,4-Dinitrophenol	14.34	184	93677	77.24	ng	#	86
54) Dibenzofuran	14.62	168	456458	39.72	ng		95
55) 4-Nitrophenol	14.45	139	189795	97.55	ng	#	81
56) 2,4-Dinitrotoluene	14.59	165	139662	47.60	ng	#	83
57) Fluorene	15.27	166	397442	40.24	ng		98
58) 2,3,4,6-Tetrachlorophenol	14.85	232	115848	53.34	ng		92
59) Diethylphthalate	15.06	149	429137	42.91	ng		99
60) 4-Chlorophenyl-phenylether	15.27	204	194343	40.13	ng		93
61) 4-Nitroaniline	15.30	138	123266	42.78	ng		88
62) Azobenzene	15.56	77	329786	35.69	ng		87
64) 4,6-Dinitro-2-methylphenol	15.36	198	89994	49.44	ng		80
65) n-Nitrosodiphenylamine	15.49	169	363208	35.68	ng		98
66) 4-Bromophenyl-phenylether	16.16	248	126769	37.37	ng		89
67) Hexachlorobenzene	16.27	284	139255	36.98	ng		92
68) Atrazine	16.44	200	137422	41.10	ng		95
69) Pentachlorophenol	16.62	266	193792	78.58	ng		97
70) Phenanthrene	17.01	178	642060	36.77	ng		99
71) Anthracene	17.10	178	662080	38.97	ng		98
72) Carbazole	17.38	167	626982	39.06	ng		97
73) Di-n-butylphthalate	17.95	149	731258	37.16	ng		97
74) Fluoranthene	19.04	202	724441	37.90	ng		97
76) Benzidine	19.23	184	426741	41.04	ng		99
77) Pyrene	19.40	202	738671	36.18	ng		97
79) Butylbenzylphthalate	20.32	149	331975	36.30	ng		88
80) Benzo(a)anthracene	21.15	228	712333	36.84	ng		99
81) 3,3'-Dichlorobenzidine	21.09	252	200958	28.66	ng		97
82) Chrysene	21.20	228	659522	35.81	ng		97
83) Bis(2-ethylhexyl)phthalate	21.10	149	472635	37.53	ng		97
84) Di-n-octyl phthalate	21.96	149	787291	39.69	ng	#	88
85) Indeno(1,2,3-cd)pyrene	25.60	276	843939	37.89	ng		95
87) Benzo(b)fluoranthene	22.71	252	743629	36.10	ng		95
88) Benzo(k)fluoranthene	22.75	252	703199	34.19	ng		96
89) Benzo(a)pyrene	23.27	252	700684	36.51	ng		98
90) Dibenzo(a,h)anthracene	25.62	278	725149	36.44	ng	#	95
91) Benzo(g,h,i)perylene	26.29	276	693203	36.13	ng		96

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

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