Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071715\
Data File : BG017948.D
Acq On : 18 Jul 2015 5:54
Operator : TP/UM
Sample : PB84497BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB84497BS

Manual Integrations APPROVED
apatel
7/20/2015 3:26:44 PM

Quant Time: Jul 20 02:01:41 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 18 01:50:30 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	125337	20.00	ng		0.00
21) Naphthalene-d8	10.36	136	550812	20.00	ng		0.00
38) Acenaphthene-d10	14.25	164	337374	20.00	ng		0.00
63) Phenanthrene-d10	17.00	188	726519	20.00	ng		0.00
75) Chrysene-d12	21.20	240	758807	20.00	ng		0.00
86) Perylene-d12	23.41	264	739070	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	733800	102.13	ng		0.00
7) Phenol-d6	6.77	99	949373	100.86	ng		0.00
23) Nitrobenzene-d5	8.74	82	543923	63.96	ng		0.00
41) 2,4,6-Tribromophenol	15.74	330	351814	102.93	ng		0.00
44) 2-Fluorobiphenyl	12.86	172	1250346	64.22	ng		0.00
78) Terphenyl-d14	19.65	244	1848173	61.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.15	88	77310	24.48	ng		91
3) Pyridine	3.52	79	207429	24.58	ng		88
4) n-Nitrosodimethylamine	3.45	42	86016	26.85	ng	#	63
6) Aniline	6.92	93	268934	21.43	ng		95
8) 2-Chlorophenol	7.15	128	275635	32.54	ng		97
9) Benzaldehyde	6.73	77	50698	8.79	ng		95
10) Phenol	6.80	94	332416	33.09	ng		95
11) bis(2-Chloroethyl)ether	7.03	93	231740	29.49	ng		93
12) 1,3-Dichlorobenzene	7.47	146	269486	28.97	ng		96
13) 1,4-Dichlorobenzene	7.62	146	274666	28.81	ng		97
14) 1,2-Dichlorobenzene	7.94	146	260699	28.62	ng		99
15) Benzyl Alcohol	7.83	79	214985	30.88	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.12	45	272188	28.75	ng		95
17) 2-Methylphenol	8.03	107	223653	31.93	ng		98
18) Hexachloroethane	8.65	117	102398	28.44	ng		98
19) n-Nitroso-di-n-propylamine	8.39	70	186169	27.09	ng		88
20) 3+4-Methylphenols	8.36	107	300258	31.67	ng		99
22) Acetophenone	8.41	105	342807	28.81	ng	#	90
24) Nitrobenzene	8.78	77	269465	29.74	ng		89
25) Isophorone	9.30	82	514020	28.82	ng		98
26) 2-Nitrophenol	9.49	139	140560	32.51	ng		91
27) 2,4-Dimethylphenol	9.56	122	260121	33.07	ng		96
28) bis(2-Chloroethoxy)methane	9.79	93	297419	29.92	ng		98
29) 2,4-Dichlorophenol	10.02	162	247089	35.27	ng		97
30) 1,2,4-Trichlorobenzene	10.23	180	245672	29.51	ng		98
31) Naphthalene	10.42	128	788693	29.26	ng		99
32) Benzoic acid	9.70	122	118185	42.10	ng		88
33) 4-Chloroaniline	10.53	127	194059	16.15	ng		95
34) Hexachlorobutadiene	10.70	225	135538	28.90	ng		92
35) Caprolactam	11.30	113	113324m	31.83	ng		
36) 4-Chloro-3-methylphenol	11.67	107	271894	34.19	ng		94
37) 2-Methylnaphthalene	12.04	142	582998	30.13	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.41	216	262574	29.04	ng		98
40) Hexachlorocyclopentadiene	12.40	237	323670	65.63	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.66	196	187752	31.93	ng		98
43) 2,4,5-Trichlorophenol	12.73	196	204287	33.41	ng		96
45) 1,1'-Biphenyl	13.07	154	707948	29.97	ng		99
46) 2-Chloronaphthalene	13.11	162	572586	29.91	ng		97
47) 2-Nitroaniline	13.32	65	163538	31.82	ng		89
48) Acenaphthylene	13.96	152	947501	29.68	ng		98
49) Dimethylphthalate	13.71	163	724100	30.90	ng		99
50) 2,6-Dinitrotoluene	13.83	165	171408	32.27	ng	#	85
51) Acenaphthene	14.30	154	564357	29.19	ng		100
52) 3-Nitroaniline	14.15	138	129477	21.69	ng		95
53) 2,4-Dinitrophenol	14.36	184	170474	65.40	ng		94
54) Dibenzofuran	14.65	168	871986	31.26	ng		98
55) 4-Nitrophenol	14.48	139	324672	68.74	ng	#	84
56) 2,4-Dinitrotoluene	14.62	165	235526	33.07	ng		93
57) Fluorene	15.30	166	738905	30.82	ng		98
58) 2,3,4,6-Tetrachlorophenol	14.87	232	179767	34.10	ng		97
59) Diethylphthalate	15.09	149	755926	31.14	ng		99
60) 4-Chlorophenyl-phenylether	15.30	204	365275	31.07	ng		95
61) 4-Nitroaniline	15.33	138	208455	29.80	ng		92
62) Azobenzene	15.59	77	686426	30.60	ng		91
64) 4,6-Dinitro-2-methylphenol	15.39	198	128601	37.04	ng		81
65) n-Nitrosodiphenylamine	15.52	169	647598	29.64	ng		98
66) 4-Bromophenyl-phenylether	16.19	248	222401	30.55	ng		95
67) Hexachlorobenzene	16.30	284	243031	30.08	ng		97
68) Atrazine	16.47	200	221471	30.86	ng		97
69) Pentachlorophenol	16.65	266	290814	61.66	ng		98
70) Phenanthrene	17.04	178	1109891	29.62	ng		99
71) Anthracene	17.13	178	1136830	31.18	ng		98
72) Carbazole	17.40	167	1066492	30.96	ng		99
73) Di-n-butylphthalate	17.98	149	1319385	31.24	ng		99
74) Fluoranthene	19.06	202	1249783	30.46	ng		99
76) Benzidine	19.26	184	543290	25.21	ng		95
77) Pyrene	19.43	202	1304006	30.81	ng		99
79) Butylbenzylphthalate	20.34	149	625529	33.00	ng		93
80) Benzo(a)anthracene	21.19	228	1236345	30.85	ng		99
81) 3,3'-Dichlorobenzidine	21.12	252	302967	20.85	ng		99
82) Chrysene	21.23	228	1146147	30.03	ng		99
83) Bis(2-ethylhexyl)phthalate	21.13	149	857638	32.86	ng		99
84) Di-n-octyl phthalate	22.00	149	1403413	34.14	ng	#	91
85) Indeno(1,2,3-cd)pyrene	25.66	276	1392819	30.17	ng		99
87) Benzo(b)fluoranthene	22.75	252	1283609	31.74	ng		98
88) Benzo(k)fluoranthene	22.79	252	1186776	29.39	ng		100
89) Benzo(a)pyrene	23.32	252	1191587	31.63	ng		98
90) Dibenzo(a,h)anthracene	25.68	278	1188614	30.43	ng		98
91) Benzo(g,h,i)perylene	26.35	276	1144349	30.38	ng		98

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

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