Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071915\
Data File : BG017979.D
Acq On : 20 Jul 2015 4:12
Operator : TP/UM
Sample : PB84467BS
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB84467BS

Manual Integrations APPROVED
apatel
7/20/2015 3:28:00 PM

Quant Time: Jul 20 06:43:51 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	103502	20.00	ng		0.00
21) Naphthalene-d8	10.36	136	453952	20.00	ng		0.00
38) Acenaphthene-d10	14.25	164	272331	20.00	ng		0.00
63) Phenanthrene-d10	17.00	188	595541	20.00	ng		0.00
75) Chrysene-d12	21.20	240	676775	20.00	ng		0.00
86) Perylene-d12	23.41	264	659561	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	669895	112.91	ng		0.00
7) Phenol-d6	6.77	99	853774	109.84	ng		0.00
23) Nitrobenzene-d5	8.74	82	489989	69.91	ng		0.00
41) 2,4,6-Tribromophenol	15.74	330	341822	123.89	ng		0.00
44) 2-Fluorobiphenyl	12.86	172	1181161	75.16	ng		0.00
78) Terphenyl-d14	19.65	244	1873712	69.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.15	88	65161	24.99	ng	#	90
3) Pyridine	3.52	79	173725	24.93	ng	#	84
4) n-Nitrosodimethylamine	3.45	42	74705	28.24	ng	#	65
6) Aniline	6.92	93	254448	24.55	ng		91
8) 2-Chlorophenol	7.15	128	260895	37.30	ng		98
9) Benzaldehyde	6.73	77	46131	9.69	ng		92
10) Phenol	6.80	94	299105	36.05	ng		95
11) bis(2-Chloroethyl)ether	7.03	93	214338	33.03	ng		91
12) 1,3-Dichlorobenzene	7.47	146	253346	32.99	ng		96
13) 1,4-Dichlorobenzene	7.62	146	260393	33.07	ng		98
14) 1,2-Dichlorobenzene	7.94	146	250638	33.32	ng		97
15) Benzyl Alcohol	7.82	79	198178	34.47	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.12	45	239802	30.68	ng		93
17) 2-Methylphenol	8.04	107	204792	35.41	ng		95
18) Hexachloroethane	8.65	117	95690	32.18	ng		96
19) n-Nitroso-di-n-propylamine	8.39	70	169085	29.79	ng	#	85
20) 3+4-Methylphenols	8.36	107	278781	35.61	ng		97
22) Acetophenone	8.41	105	312911	31.91	ng	#	92
24) Nitrobenzene	8.78	77	248644	33.30	ng		90
25) Isophorone	9.30	82	462225	31.45	ng		98
26) 2-Nitrophenol	9.49	139	140376	39.40	ng	#	84
27) 2,4-Dimethylphenol	9.56	122	241138	37.20	ng		99
28) bis(2-Chloroethoxy)methane	9.79	93	271352	33.13	ng		97
29) 2,4-Dichlorophenol	10.02	162	239282	41.44	ng		97
30) 1,2,4-Trichlorobenzene	10.23	180	236713	34.50	ng		98
31) Naphthalene	10.42	128	748644	33.69	ng		100
32) Benzoic acid	9.70	122	132554	50.05	ng		82
33) 4-Chloroaniline	10.53	127	167359	16.90	ng		95
34) Hexachlorobutadiene	10.70	225	137189	35.49	ng		96
35) Caprolactam	11.30	113	102396m	34.90	ng		
36) 4-Chloro-3-methylphenol	11.67	107	245994	37.53	ng		93
37) 2-Methylnaphthalene	12.04	142	544791	34.16	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.41	216	256469	35.13	ng		97
40) Hexachlorocyclopentadiene	12.40	237	316912	79.61	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.66	196	179788	37.87	ng		99
43) 2,4,5-Trichlorophenol	12.74	196	198787	40.27	ng		95
45) 1,1'-Biphenyl	13.07	154	666303	34.95	ng		98
46) 2-Chloronaphthalene	13.11	162	536624	34.73	ng		95
47) 2-Nitroaniline	13.32	65	144649	34.87	ng	#	83
48) Acenaphthylene	13.96	152	880616	34.18	ng		99
49) Dimethylphthalate	13.71	163	658140	34.79	ng		100
50) 2,6-Dinitrotoluene	13.83	165	160215	37.37	ng	#	83
51) Acenaphthene	14.31	154	529151	33.91	ng		98
52) 3-Nitroaniline	14.16	138	128337	26.63	ng		92
53) 2,4-Dinitrophenol	14.36	184	149349	68.59	ng		96
54) Dibenzofuran	14.65	168	815908	36.24	ng		97
55) 4-Nitrophenol	14.48	139	317214	83.21	ng	#	83
56) 2,4-Dinitrotoluene	14.62	165	216982	37.74	ng	#	90
57) Fluorene	15.30	166	684764	35.38	ng		99
58) 2,3,4,6-Tetrachlorophenol	14.88	232	177841	41.79	ng		94
59) Diethylphthalate	15.09	149	686045	35.01	ng		99
60) 4-Chlorophenyl-phenylether	15.30	204	340676	35.90	ng		98
61) 4-Nitroaniline	15.33	138	194362	34.43	ng		91
62) Azobenzene	15.59	77	613121	33.86	ng		90
64) 4,6-Dinitro-2-methylphenol	15.39	198	118680	40.36	ng		80
65) n-Nitrosodiphenylamine	15.52	169	611153	34.13	ng		98
66) 4-Bromophenyl-phenylether	16.19	248	213118	35.71	ng		95
67) Hexachlorobenzene	16.30	284	234367	35.38	ng		94
68) Atrazine	16.47	200	222279	37.79	ng		98
69) Pentachlorophenol	16.65	266	312784	74.20	ng		98
70) Phenanthrene	17.04	178	1077869	35.09	ng		99
71) Anthracene	17.13	178	1089694	36.46	ng		97
72) Carbazole	17.41	167	1052612	37.28	ng		99
73) Di-n-butylphthalate	17.98	149	1306545	37.75	ng		99
74) Fluoranthene	19.06	202	1277612	37.99	ng		99
76) Benzidine	19.26	184	657175	34.19	ng		98
77) Pyrene	19.43	202	1325134	35.11	ng		100
79) Butylbenzylphthalate	20.35	149	649141	38.40	ng		93
80) Benzo(a)anthracene	21.19	228	1280862	35.83	ng		100
81) 3,3'-Dichlorobenzidine	21.12	252	345978	26.69	ng		98
82) Chrysene	21.24	228	1181740	34.71	ng		99
83) Bis(2-ethylhexyl)phthalate	21.13	149	865773	37.19	ng		97
84) Di-n-octyl phthalate	22.00	149	1447611	39.48	ng	#	91
85) Indeno(1,2,3-cd)pyrene	25.66	276	1473755	35.80	ng		98
87) Benzo(b)fluoranthene	22.75	252	1337044	37.05	ng		98
88) Benzo(k)fluoranthene	22.80	252	1226901	34.05	ng		98
89) Benzo(a)pyrene	23.32	252	1259401	37.46	ng		98
90) Dibenzo(a,h)anthracene	25.68	278	1269957	36.43	ng		97
91) Benzo(g,h,i)perylene	26.36	276	1220821	36.32	ng		98

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

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