Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042315\
Data File : BG016663.D
Acq On : 23 Apr 2015 21:28
Operator : TP/IZ
Sample : PB82956BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB82956BS

Manual Integrations APPROVED
apatel
4/24/2015 3:29:39 PM

Quant Time: Apr 24 13:44:22 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 23 19:19:11 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	55950	20.00	ng		0.00
21) Naphthalene-d8	10.39	136	232226	20.00	ng		0.00
38) Acenaphthene-d10	14.25	164	136406	20.00	ng		0.00
63) Phenanthrene-d10	17.00	188	298075	20.00	ng		0.00
75) Chrysene-d12	21.18	240	302627	20.00	ng		0.00
86) Perylene-d12	23.39	264	276700	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	397401	115.26	ng		0.00
7) Phenol-d6	6.80	99	532036	109.99	ng		0.00
23) Nitrobenzene-d5	8.76	82	264197	71.89	ng		0.00
41) 2,4,6-Tribromophenol	15.75	330	114112	112.77	ng		0.00
44) 2-Fluorobiphenyl	12.86	172	606767	71.47	ng		0.00
78) Terphenyl-d14	19.63	244	871223	66.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.05	88	46486	31.12	ng		98
3) Pyridine	3.45	79	126253	29.77	ng		97
4) n-Nitrosodimethylamine	3.38	42	41873	33.47	ng		90
6) Aniline	6.93	93	151325	22.81	ng		98
8) 2-Chlorophenol	7.17	128	149396	35.06	ng		98
9) Benzaldehyde	6.74	77	13124	6.64	ng		99
10) Phenol	6.82	94	185930	36.47	ng		99
11) bis(2-Chloroethyl)ether	7.03	93	130346	32.75	ng		96
12) 1,3-Dichlorobenzene	7.48	146	145749	33.07	ng		98
13) 1,4-Dichlorobenzene	7.63	146	149247	33.13	ng		98
14) 1,2-Dichlorobenzene	7.95	146	140994	32.78	ng		97
15) Benzyl Alcohol	7.85	79	101298	33.37	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.14	45	127296	34.17	ng		99
17) 2-Methylphenol	8.06	107	121255	35.57	ng		98
18) Hexachloroethane	8.66	117	52767	33.22	ng		98
19) n-Nitroso-di-n-propylamine	8.41	70	90895	30.15	ng		97
20) 3+4-Methylphenols	8.39	107	162455	33.90	ng		97
22) Acetophenone	8.42	105	183524	36.01	ng	#	99
24) Nitrobenzene	8.80	77	131630	34.10	ng		97
25) Isophorone	9.32	82	247541	32.50	ng		99
26) 2-Nitrophenol	9.51	139	78108	34.88	ng		99
27) 2,4-Dimethylphenol	9.58	122	141284	37.78	ng		96
28) bis(2-Chloroethoxy)methane	9.81	93	159786	34.77	ng		99
29) 2,4-Dichlorophenol	10.05	162	125428	39.46	ng		98
30) 1,2,4-Trichlorobenzene	10.25	180	118814	35.27	ng		97
31) Naphthalene	10.43	128	423195	34.56	ng		98
32) Benzoic acid	9.73	122	49931	28.94	ng		98
33) 4-Chloroaniline	10.56	127	96175	17.05	ng		97
34) Hexachlorobutadiene	10.71	225	51737	34.38	ng		98
35) Caprolactam	11.32	113	61441m	35.85	ng		
36) 4-Chloro-3-methylphenol	11.70	107	137351	37.16	ng		98
37) 2-Methylnaphthalene	12.05	142	305121	34.50	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.43	216	109553	33.71	ng		99
40) Hexachlorocyclopentadiene	12.41	237	85708	69.13	ng		97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.68	196	83991	35.37 ng	99
43) 2,4,5-Trichlorophenol	12.76	196	91845	36.55 ng	99
45) 1,1'-Biphenyl	13.08	154	372947	34.81 ng	100
46) 2-Chloronaphthalene	13.12	162	279979	34.00 ng	100
47) 2-Nitroaniline	13.34	65	80631	35.90 ng	98
48) Acenaphthylene	13.97	152	489993	33.97 ng	100
49) Dimethylphthalate	13.72	163	352574	34.55 ng	99
50) 2,6-Dinitrotoluene	13.84	165	88489	35.34 ng	97
51) Acenaphthene	14.32	154	297014	34.31 ng	100
52) 3-Nitroaniline	14.17	138	73826	24.39 ng	97
53) 2,4-Dinitrophenol	14.39	184	92271	68.94 ng	97
54) Dibenzofuran	14.65	168	434689	35.60 ng	99
55) 4-Nitrophenol	14.51	139	181108	79.86 ng	96
56) 2,4-Dinitrotoluene	14.63	165	126487	36.88 ng	97
57) Fluorene	15.30	166	381161	35.71 ng	98
58) 2,3,4,6-Tetrachlorophenol	14.89	232	71716m	37.72 ng	
59) Diethylphthalate	15.09	149	378978	35.64 ng	99
60) 4-Chlorophenyl-phenylether	15.30	204	157175	35.26 ng	97
61) 4-Nitroaniline	15.34	138	123459	36.88 ng	97
62) Azobenzene	15.59	77	365859	37.67 ng	100
64) 4,6-Dinitro-2-methylphenol	15.40	198	68239	33.83 ng	98
65) n-Nitrosodiphenylamine	15.51	169	344429	33.70 ng	99
66) 4-Bromophenyl-phenylether	16.19	248	83609	33.57 ng	97
67) Hexachlorobenzene	16.30	284	86965	33.95 ng	98
68) Atrazine	16.47	200	110970	40.45 ng	100
69) Pentachlorophenol	16.66	266	96277	77.40 ng	99
70) Phenanthrene	17.04	178	596751	34.85 ng	99
71) Anthracene	17.13	178	603728	35.45 ng	99
72) Carbazole	17.41	167	655485	38.41 ng	99
73) Di-n-butylphthalate	17.96	149	771464	37.93 ng	100
74) Fluoranthene	19.06	202	685276	37.77 ng	99
76) Benzidine	19.25	184	416348	40.39 ng	99
77) Pyrene	19.42	202	731185	34.39 ng	99
79) Butylbenzylphthalate	20.33	149	370409	35.42 ng	98
80) Benzo(a)anthracene	21.17	228	633606	34.53 ng	99
81) 3,3'-Dichlorobenzidine	21.11	252	130185	21.77 ng	96
82) Chrysene	21.22	228	603868	34.33 ng	99
83) Bis(2-ethylhexyl)phthalate	21.10	149	508145	35.71 ng	98
84) Di-n-octyl phthalate	21.96	149	841504	35.51 ng	100
85) Indeno(1,2,3-cd)pyrene	25.63	276	645532	33.67 ng	100
87) Benzo(b)fluoranthene	22.72	252	601792	35.81 ng	99
88) Benzo(k)fluoranthene	22.77	252	568952	34.69 ng	99
89) Benzo(a)pyrene	23.29	252	570326	36.01 ng	99
90) Dibenzo(a,h)anthracene	25.64	278	539883	35.06 ng	97
91) Benzo(g,h,i)perylene	26.32	276	545914	34.84 ng	99

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

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