Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015937.D
Acq On : 27 Jan 2015 8:35
Operator : TP/IZ
Sample : G1139-01MSD
Misc : S
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 121B1MSD

Manual Integrations APPROVED
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1/28/2015 5:43:53 PM

Quant Time: Jan 27 10:05:34 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 20 17:47:40 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	78872	20.00	ng		0.00
21) Naphthalene-d8	10.47	136	324057	20.00	ng		-0.01
38) Acenaphthene-d10	14.33	164	280540	20.00	ng		0.00
63) Phenanthrene-d10	17.08	188	780215	20.00	ng		0.00
75) Chrysene-d12	21.27	240	1061092	20.00	ng		0.00
86) Perylene-d12	23.52	264	1021523	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	636944	120.26	ng		0.00
7) Phenol-d6	6.87	99	1046931	122.66	ng		0.00
23) Nitrobenzene-d5	8.85	82	807772	71.85	ng		0.00
41) 2,4,6-Tribromophenol	15.83	330	647946	126.16	ng		0.00
44) 2-Fluorobiphenyl	12.95	172	1436568	80.34	ng		0.00
78) Terphenyl-d14	19.72	244	2936340	75.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	86418	31.68	ng		96
3) Pyridine	3.59	79	253409	27.55	ng	#	87
4) n-Nitrosodimethylamine	3.51	42	108813	30.63	ng	#	100
6) Aniline	7.02	93	312791	25.45	ng		95
8) 2-Chlorophenol	7.25	128	198446	39.05	ng		89
9) Benzaldehyde	6.83	77	52909	6.80	ng		98
10) Phenol	6.90	94	417495	42.92	ng		98
11) bis(2-Chloroethyl)ether	7.12	93	256559	34.13	ng		99
12) 1,3-Dichlorobenzene	7.57	146	203369	33.81	ng		99
13) 1,4-Dichlorobenzene	7.72	146	211550	34.07	ng		96
14) 1,2-Dichlorobenzene	8.04	146	210861	34.65	ng		94
15) Benzyl Alcohol	7.93	79	353142	37.82	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.22	45	195585	32.19	ng		85
17) 2-Methylphenol	8.13	107	233604	38.76	ng	#	87
18) Hexachloroethane	8.75	117	105659	33.09	ng	#	85
19) n-Nitroso-di-n-propylamine	8.49	70	269150	31.61	ng	#	89
20) 3+4-Methylphenols	8.46	107	314505	39.81	ng		93
22) Acetophenone	8.51	105	386204	35.56	ng	#	96
24) Nitrobenzene	8.89	77	414002	35.01	ng		97
25) Isophorone	9.40	82	741098	37.29	ng		100
26) 2-Nitrophenol	9.59	139	110726	37.81	ng		89
27) 2,4-Dimethylphenol	9.66	122	207545	37.04	ng		97
28) bis(2-Chloroethoxy)methane	9.89	93	350501	36.42	ng		96
29) 2,4-Dichlorophenol	10.13	162	247171	42.24	ng		97
30) 1,2,4-Trichlorobenzene	10.34	180	254724	35.90	ng	#	91
31) Naphthalene	10.52	128	605894	36.53	ng		98
32) Benzoic acid	9.81	122	68311	41.79	ng	#	83
33) 4-Chloroaniline	10.64	127	177314	22.93	ng		97
34) Hexachlorobutadiene	10.80	225	244655	35.25	ng		94
35) Caprolactam	11.41	113	110601m	38.46	ng		
36) 4-Chloro-3-methylphenol	11.77	107	345279	40.12	ng		95
37) 2-Methylnaphthalene	12.14	142	496179	37.67	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.51	216	415403	38.83	ng		96
40) Hexachlorocyclopentadiene	12.49	237	529140	65.64	ng		89

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.76	196	264859	42.26	ng		88
43) 2,4,5-Trichlorophenol	12.84	196	283864	40.07	ng	#	96
45) 1,1'-Biphenyl	13.16	154	695420	39.27	ng		98
46) 2-Chloronaphthalene	13.20	162	595716	39.84	ng		91
47) 2-Nitroaniline	13.42	65	288336	37.80	ng		92
48) Acenaphthylene	14.05	152	933329	41.11	ng		99
49) Dimethylphthalate	13.79	163	907648	44.96	ng		98
50) 2,6-Dinitrotoluene	13.92	165	185586	40.72	ng		94
51) Acenaphthene	14.40	154	564486	39.57	ng		98
52) 3-Nitroaniline	14.25	138	134003	31.26	ng	#	96
53) 2,4-Dinitrophenol	14.46	184	204596	64.38	ng		86
54) Dibenzofuran	14.73	168	961604	40.85	ng		96
55) 4-Nitrophenol	14.57	139	232763	78.90	ng		96
56) 2,4-Dinitrotoluene	14.71	165	275285	41.28	ng	#	82
57) Fluorene	15.39	166	853633	40.21	ng	#	92
58) 2,3,4,6-Tetrachlorophenol	14.97	232	320018	40.79	ng		95
59) Diethylphthalate	15.16	149	848672	41.17	ng		100
60) 4-Chlorophenyl-phenylether	15.38	204	562127	39.81	ng		96
61) 4-Nitroaniline	15.41	138	179666	39.50	ng	#	71
62) Azobenzene	15.67	77	1360167	40.76	ng		94
64) 4,6-Dinitro-2-methylphenol	15.47	198	202799	36.02	ng		92
65) n-Nitrosodiphenylamine	15.60	169	790600	35.52	ng		93
66) 4-Bromophenyl-phenylether	16.27	248	420816	36.94	ng		98
67) Hexachlorobenzene	16.39	284	458799	37.25	ng		94
68) Atrazine	16.55	200	365227	34.09	ng		98
69) Pentachlorophenol	16.74	266	433079	67.20	ng		99
70) Phenanthrene	17.12	178	1391910	35.56	ng		100
71) Anthracene	17.21	178	1393668	36.28	ng		96
72) Carbazole	17.49	167	1212517	35.81	ng		97
73) Di-n-butylphthalate	18.05	149	1427805	36.64	ng		98
74) Fluoranthene	19.14	202	1872837	35.83	ng		99
76) Benzidine	19.33	184	734665	28.91	ng	#	94
77) Pyrene	19.50	202	1915584	37.99	ng		98
79) Butylbenzylphthalate	20.41	149	670070	36.24	ng		99
80) Benzo(a)anthracene	21.25	228	2103960	37.45	ng		96
81) 3,3'-Dichlorobenzidine	21.19	252	518665	21.88	ng		100
82) Chrysene	21.31	228	1967076	36.75	ng		96
83) Bis(2-ethylhexyl)phthalate	21.18	149	935944	37.65	ng		95
84) Di-n-octyl phthalate	22.06	149	1483538	38.57	ng	#	98
85) Indeno(1,2,3-cd)pyrene	25.81	276	2423642	38.96	ng		99
87) Benzo(b)fluoranthene	22.84	252	2175759	37.31	ng	#	100
88) Benzo(k)fluoranthene	22.89	252	2069671	36.67	ng		97
89) Benzo(a)pyrene	23.42	252	2094977	37.34	ng	#	96
90) Dibenzo(a,h)anthracene	25.83	278	2025658	38.03	ng		99
91) Benzo(g,h,i)perylene	26.52	276	2013273	38.74	ng		94

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

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