Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
Data File : BG024752.D
Acq On : 8 Nov 2016 10:08
Operator : UM/SJ
Sample : PB94572BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB94572BS

Manual Integrations APPROVED
sohil
11/8/2016 4:29:41 PM

Quant Time: Nov 08 13:04:31 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 26 11:14:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	85604	20.00	ng		0.00
21) Naphthalene-d8	11.09	136	339421	20.00	ng		-0.02
38) Acenaphthene-d10	14.88	164	277456	20.00	ng		-0.02
63) Phenanthrene-d10	17.62	188	671424	20.00	ng		0.00
75) Chrysene-d12	21.91	240	902671	20.00	ng		-0.02
86) Perylene-d12	25.35	264	956218	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.79	112	371551	71.14	ng		0.00
7) Phenol-d6	7.40	99	524382	73.19	ng		0.00
23) Nitrobenzene-d5	9.44	82	634592	85.12	ng		-0.02
41) 2,4,6-Tribromophenol	16.36	330	320367	77.29	ng		0.00
44) 2-Fluorobiphenyl	13.50	172	1378130	82.56	ng		-0.02
78) Terphenyl-d14	20.20	244	2633637	87.18	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.65	88	71817	33.66	ng		96
3) Pyridine	4.06	79	235880	36.92	ng		88
4) n-Nitrosodimethylamine	3.98	42	115204	34.83	ng		86
6) Aniline	7.58	93	127137	14.01	ng	#	94
8) 2-Chlorophenol	7.82	128	226056	42.57	ng		89
9) Benzaldehyde	7.40	77	33789	7.63	ng		93
10) Phenol	7.43	94	327115	44.29	ng		93
11) bis(2-Chloroethyl)ether	7.67	93	218701	39.42	ng		89
12) 1,3-Dichlorobenzene	8.15	146	253801	38.61	ng		96
13) 1,4-Dichlorobenzene	8.30	146	255320	39.32	ng		99
14) 1,2-Dichlorobenzene	8.62	146	246512	39.49	ng		96
15) Benzyl Alcohol	8.50	79	265990	39.91	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.78	45	366351	35.59	ng		94
17) 2-Methylphenol	8.70	107	205776	42.05	ng		96
18) Hexachloroethane	9.35	117	96185	38.53	ng		95
19) n-Nitroso-di-n-propylamine	9.06	70	207957	39.38	ng		92
20) 3+4-Methylphenols	9.02	107	291118	44.31	ng		97
22) Acetophenone	9.08	105	363674	41.71	ng	#	91
24) Nitrobenzene	9.48	77	318568	38.41	ng		97
25) Isophorone	9.99	82	551128	39.74	ng		99
26) 2-Nitrophenol	10.19	139	136172	44.24	ng		98
27) 2,4-Dimethylphenol	10.23	122	241029	44.73	ng		96
28) bis(2-Chloroethoxy)methane	10.48	93	308974	43.06	ng		94
29) 2,4-Dichlorophenol	10.73	162	262188	46.35	ng		92
30) 1,2,4-Trichlorobenzene	10.95	180	275810	41.11	ng		98
31) Naphthalene	11.14	128	681881	40.28	ng		97
32) Benzoic acid	10.35	122	144882	32.28	ng		95
33) 4-Chloroaniline	11.25	127	71221	9.69	ng		96
34) Hexachlorobutadiene	11.40	225	213270	40.61	ng		97
35) Caprolactam	12.01	113	95135m	45.94	ng		
36) 4-Chloro-3-methylphenol	12.34	107	306499	44.89	ng		94
37) 2-Methylnaphthalene	12.73	142	506125	40.97	ng		99
39) 1,2,4,5-Tetrachlorobenzene	13.08	216	363080	38.80	ng		96
40) Hexachlorocyclopentadiene	13.05	237	520614	98.79	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.32	196	245461	43.64	ng		96
43) 2,4,5-Trichlorophenol	13.39	196	251998	41.44	ng		94
45) 1,1'-Biphenyl	13.71	154	730701	37.95	ng		93
46) 2-Chloronaphthalene	13.77	162	570789	38.93	ng		99
47) 2-Nitroaniline	13.97	65	240192	40.01	ng	#	87
48) Acenaphthylene	14.61	152	891679	39.66	ng		98
49) Dimethylphthalate	14.32	163	814627	41.36	ng		97
50) 2,6-Dinitrotoluene	14.45	165	180565	42.94	ng		91
51) Acenaphthene	14.95	154	586908	35.02	ng		96
52) 3-Nitroaniline	14.78	138	70133	16.12	ng	#	82
53) 2,4-Dinitrophenol	14.99	184	252332	82.81	ng		95
54) Dibenzofuran	15.28	168	957024	41.30	ng		97
55) 4-Nitrophenol	15.08	139	315343	83.18	ng		88
56) 2,4-Dinitrotoluene	15.23	165	273971	44.84	ng	#	97
57) Fluorene	15.92	166	785939	40.90	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.49	232	291165	46.18	ng		92
59) Diethylphthalate	15.67	149	837590	40.56	ng		99
60) 4-Chlorophenyl-phenylether	15.90	204	439215	40.74	ng		96
61) 4-Nitroaniline	15.95	138	173984	36.60	ng		95
62) Azobenzene	16.20	77	827976	40.20	ng		97
64) 4,6-Dinitro-2-methylphenol	15.99	198	192466	41.61	ng		99
65) n-Nitrosodiphenylamine	16.12	169	739774	40.30	ng		96
66) 4-Bromophenyl-phenylether	16.80	248	326851	40.10	ng		98
67) Hexachlorobenzene	16.92	284	363946	40.41	ng	#	88
68) Atrazine	17.06	200	334276	42.46	ng		97
69) Pentachlorophenol	17.26	266	459420	77.30	ng		97
70) Phenanthrene	17.67	178	1370714	40.05	ng		96
71) Anthracene	17.76	178	1402412	40.62	ng		99
72) Carbazole	18.03	167	1261204	40.05	ng		94
73) Di-n-butylphthalate	18.55	149	1461444	40.25	ng		98
74) Fluoranthene	19.66	202	1809006	41.81	ng		96
76) Benzidine	19.84	184	577550	27.16	ng		97
77) Pyrene	20.02	202	1838518	41.66	ng		98
79) Butylbenzylphthalate	20.88	149	745402	40.52	ng		97
80) Benzo(a)anthracene	21.90	228	1996295	40.26	ng		97
81) 3,3'-Dichlorobenzidine	21.80	252	366967	18.34	ng	#	91
82) Chrysene	21.97	228	1882085	39.85	ng		98
83) Bis(2-ethylhexyl)phthalate	21.76	149	1040731	39.55	ng		97
84) Di-n-octyl phthalate	23.03	149	1761757	40.34	ng	#	93
85) Indeno(1,2,3-cd)pyrene	29.28	276	2499536	38.34	ng		99
87) Benzo(b)fluoranthene	24.25	252	2064902	39.95	ng		97
88) Benzo(k)fluoranthene	24.32	252	1978440m	39.64	ng		
89) Benzo(a)pyrene	25.18	252	2010638	39.81	ng		98
90) Dibenzo(a,h)anthracene	29.35	278	2104220	37.96	ng	#	95
91) Benzo(g,h,i)perylene	30.53	276	2081446	37.59	ng		98

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

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