Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020417\
Data File : BG025803.D
Acq On : 3 Feb 2017 20:34
Operator : SJ/MA
Sample : PB96140BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB96140BS

Manual Integrations APPROVED
mohammad
2/6/2017 3:19:35 PM

Quant Time: Feb 03 22:22:16 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 18:29:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	72364	20.00	ng		0.00
21) Naphthalene-d8	10.99	136	316420	20.00	ng		0.00
38) Acenaphthene-d10	14.79	164	264430	20.00	ng		0.00
63) Phenanthrene-d10	17.54	188	620626	20.00	ng		0.00
75) Chrysene-d12	21.83	240	766765	20.00	ng		-0.01
86) Perylene-d12	25.21	264	768471	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	527630	130.68	ng		0.00
7) Phenol-d6	7.33	99	759128	128.73	ng		0.00
23) Nitrobenzene-d5	9.35	82	547682	73.13	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	414007	109.78	ng		0.00
44) 2-Fluorobiphenyl	13.41	172	1140486	70.05	ng		0.00
78) Terphenyl-d14	20.12	244	2166970	68.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	61791	33.76	ng		95
3) Pyridine	3.94	79	174546	35.14	ng		93
4) n-Nitrosodimethylamine	3.87	42	124235	43.48	ng		91
6) Aniline	7.49	93	159811	19.23	ng		96
8) 2-Chlorophenol	7.73	128	211939	46.24	ng		93
9) Benzaldehyde	7.31	77	112682	22.52	ng		97
10) Phenol	7.36	94	313073	47.24	ng		97
11) bis(2-Chloroethyl)ether	7.57	93	216660	41.34	ng		94
12) 1,3-Dichlorobenzene	8.05	146	216970	38.71	ng		94
13) 1,4-Dichlorobenzene	8.20	146	226224	39.70	ng		91
14) 1,2-Dichlorobenzene	8.52	146	217622	39.86	ng		96
15) Benzyl Alcohol	8.41	79	238316	46.73	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.69	45	437940	41.39	ng		99
17) 2-Methylphenol	8.62	107	203841	45.02	ng		91
18) Hexachloroethane	9.24	117	93167	40.15	ng		95
19) n-Nitroso-di-n-propylamine	8.97	70	216803	41.66	ng		97
20) 3+4-Methylphenols	8.95	107	284189	46.00	ng		95
22) Acetophenone	9.00	105	366211	42.27	ng	#	98
24) Nitrobenzene	9.39	77	315040	38.53	ng		99
25) Isophorone	9.91	82	581078	39.82	ng		95
26) 2-Nitrophenol	10.11	139	126485	43.66	ng		97
27) 2,4-Dimethylphenol	10.15	122	237444	47.05	ng		99
28) bis(2-Chloroethoxy)methane	10.38	93	330433	42.78	ng		97
29) 2,4-Dichlorophenol	10.65	162	240409	46.42	ng		97
30) 1,2,4-Trichlorobenzene	10.85	180	248525	41.26	ng		100
31) Naphthalene	11.04	128	656324	39.96	ng		98
32) Benzoic acid	10.32	122	136996	42.95	ng		91
33) 4-Chloroaniline	11.18	127	74641	10.93	ng	#	88
34) Hexachlorobutadiene	11.30	225	173237	35.35	ng		97
35) Caprolactam	11.94	113	86463m	39.18	ng		
36) 4-Chloro-3-methylphenol	12.28	107	290397	46.03	ng		99
37) 2-Methylnaphthalene	12.63	142	528335	41.66	ng		99
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	340163	38.41	ng		98
40) Hexachlorocyclopentadiene	12.96	237	198802	61.03	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	218059	42.06	ng		92
43) 2,4,5-Trichlorophenol	13.33	196	229376	40.98	ng		99
45) 1,1'-Biphenyl	13.63	154	756483	41.12	ng		94
46) 2-Chloronaphthalene	13.68	162	566544	39.22	ng		99
47) 2-Nitroaniline	13.90	65	252374	40.59	ng		99
48) Acenaphthylene	14.52	152	916170	38.12	ng		97
49) Dimethylphthalate	14.24	163	772323	38.78	ng		97
50) 2,6-Dinitrotoluene	14.38	165	180557	40.04	ng		89
51) Acenaphthene	14.86	154	588776	39.65	ng		97
52) 3-Nitroaniline	14.73	138	87413	20.56	ng	#	94
53) 2,4-Dinitrophenol	14.95	184	195021	73.20	ng	#	79
54) Dibenzofuran	15.19	168	954131	42.52	ng		98
55) 4-Nitrophenol	15.05	139	246563	75.35	ng		88
56) 2,4-Dinitrotoluene	15.18	165	267121	40.49	ng	#	80
57) Fluorene	15.84	166	787520	39.50	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.42	232	233967	44.74	ng		97
59) Diethylphthalate	15.59	149	841712	39.87	ng		97
60) 4-Chlorophenyl-phenylether	15.82	204	415255	38.43	ng		97
61) 4-Nitroaniline	15.89	138	171723	40.22	ng		96
62) Azobenzene	16.12	77	963353	44.84	ng		98
64) 4,6-Dinitro-2-methylphenol	15.95	198	166360	37.72	ng		80
65) n-Nitrosodiphenylamine	16.04	169	736364	41.33	ng		100
66) 4-Bromophenyl-phenylether	16.72	248	298874	39.60	ng		94
67) Hexachlorobenzene	16.85	284	327397	38.57	ng		97
68) Atrazine	16.98	200	308380	35.06	ng		96
69) Pentachlorophenol	17.20	266	283045	75.89	ng		98
70) Phenanthrene	17.59	178	1362792	40.41	ng		97
71) Anthracene	17.68	178	1422981	40.92	ng		99
72) Carbazole	17.96	167	1286927	38.21	ng		96
73) Di-n-butylphthalate	18.46	149	1559719	40.02	ng		98
74) Fluoranthene	19.59	202	1758532	38.05	ng		98
76) Benzidine	19.77	184	337961	12.84	ng		97
77) Pyrene	19.95	202	1780711	41.69	ng		98
79) Butylbenzylphthalate	20.79	149	775334	43.72	ng		93
80) Benzo(a)anthracene	21.81	228	1854209	40.83	ng		98
81) 3,3'-Dichlorobenzidine	21.72	252	332506	18.66	ng		97
82) Chrysene	21.88	228	1699163	39.59	ng		95
83) Bis(2-ethylhexyl)phthalate	21.65	149	1079047	43.69	ng		98
84) Di-n-octyl phthalate	22.89	149	1810984	45.14	ng		98
85) Indeno(1,2,3-cd)pyrene	29.11	276	2182259	41.70	ng	#	94
87) Benzo(b)fluoranthene	24.13	252	1884843	42.43	ng	#	99
88) Benzo(k)fluoranthene	24.20	252	1818184	41.82	ng	#	96
89) Benzo(a)pyrene	25.05	252	1804605	42.71	ng	#	97
90) Dibenzo(a,h)anthracene	29.15	278	1835054	42.00	ng		98
91) Benzo(g,h,i)perylene	30.34	276	1828749	42.12	ng	#	95

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

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