Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
Data File : BG021687.D
Acq On : 15 Apr 2016 14:38
Operator : UM/SJ
Sample : PB89669BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB89669BS

Manual Integrations APPROVED
Sohil
4/15/2016 4:45:01 PM

Quant Time: Apr 15 16:34:57 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 13 15:48:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	38508	20.00	ng		0.00
21) Naphthalene-d8	11.04	136	166613	20.00	ng		0.00
38) Acenaphthene-d10	14.83	164	95814	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	207000	20.00	ng		0.00
75) Chrysene-d12	21.84	240	233489	20.00	ng		0.00
86) Perylene-d12	25.17	264	196030	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.77	112	301470	130.37	ng		0.01
7) Phenol-d6	7.38	99	421037	121.89	ng		0.02
23) Nitrobenzene-d5	9.39	82	266932	82.35	ng		0.00
41) 2,4,6-Tribromophenol	16.31	330	143348	138.82	ng		0.00
44) 2-Fluorobiphenyl	13.46	172	576910	88.22	ng		0.00
78) Terphenyl-d14	20.15	244	761091	81.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.63	88	27281	26.50	ng	#	83
3) Pyridine	4.04	79	96290	31.17	ng		89
4) n-Nitrosodimethylamine	3.96	42	50730	33.14	ng	#	85
6) Aniline	7.55	93	44487	9.74	ng		98
8) 2-Chlorophenol	7.79	128	112610	40.62	ng		95
9) Benzaldehyde	7.35	77	35753	17.90	ng		94
10) Phenol	7.41	94	146507	39.44	ng		96
11) bis(2-Chloroethyl)ether	7.63	93	112813	37.94	ng		91
12) 1,3-Dichlorobenzene	8.11	146	117804	38.05	ng		98
13) 1,4-Dichlorobenzene	8.26	146	122356	38.82	ng		98
14) 1,2-Dichlorobenzene	8.58	146	115952	38.35	ng		96
15) Benzyl Alcohol	8.46	79	105624	40.01	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.75	45	211145	33.15	ng		98
17) 2-Methylphenol	8.66	107	100275	39.04	ng		94
18) Hexachloroethane	9.31	117	42202	36.79	ng	#	81
19) n-Nitroso-di-n-propylamine	9.03	70	91128	33.95	ng	#	96
20) 3+4-Methylphenols	8.99	107	137201	39.03	ng		98
22) Acetophenone	9.04	105	168213	36.25	ng	#	99
24) Nitrobenzene	9.43	77	134846	38.85	ng		94
25) Isophorone	9.96	82	247405	34.87	ng		99
26) 2-Nitrophenol	10.14	139	52842	39.88	ng		96
27) 2,4-Dimethylphenol	10.20	122	110562	36.73	ng		99
28) bis(2-Chloroethoxy)methane	10.43	93	147692	39.18	ng		92
29) 2,4-Dichlorophenol	10.68	162	112713	43.92	ng		98
30) 1,2,4-Trichlorobenzene	10.90	180	114907	41.64	ng		94
31) Naphthalene	11.09	128	354997	39.81	ng	#	95
32) Benzoic acid	10.32	122	69355	42.07	ng		99
33) 4-Chloroaniline	11.19	127	37121	9.62	ng		96
34) Hexachlorobutadiene	11.37	225	75136	42.21	ng		98
35) Caprolactam	11.98	113	38896m	33.12	ng		
36) 4-Chloro-3-methylphenol	12.29	107	124498	38.58	ng		99
37) 2-Methylnaphthalene	12.68	142	251272	41.05	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	128593	42.94	ng		98
40) Hexachlorocyclopentadiene	13.01	237	39493	23.74	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.27	196	86910	45.52	ng		96
43) 2,4,5-Trichlorophenol	13.35	196	91392	44.36	ng		95
45) 1,1'-Biphenyl	13.67	154	321682	39.85	ng		97
46) 2-Chloronaphthalene	13.72	162	247642	41.49	ng		98
47) 2-Nitroaniline	13.91	65	89593	43.78	ng		96
48) Acenaphthylene	14.56	152	394114	39.94	ng		97
49) Dimethylphthalate	14.27	163	305993	36.94	ng		98
50) 2,6-Dinitrotoluene	14.40	165	65134	41.23	ng		98
51) Acenaphthene	14.89	154	241442	38.27	ng		97
52) 3-Nitroaniline	14.73	138	48095	27.45	ng		98
53) 2,4-Dinitrophenol	14.93	184	3572	12.79	ng	#	82
54) Dibenzofuran	15.23	168	378717	43.97	ng		97
55) 4-Nitrophenol	15.03	139	120828	80.55	ng		97
56) 2,4-Dinitrotoluene	15.18	165	85466	40.03	ng		96
57) Fluorene	15.87	166	303917	39.51	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.44	232	82383	48.19	ng		99
59) Diethylphthalate	15.63	149	310897	35.95	ng		96
60) 4-Chlorophenyl-phenylether	15.85	204	149925	39.57	ng		98
61) 4-Nitroaniline	15.88	138	72668	37.70	ng		97
62) Azobenzene	16.15	77	303865	41.01	ng		99
64) 4,6-Dinitro-2-methylphenol	15.94	198	3050	8.54	ng		90
65) n-Nitrosodiphenylamine	16.07	169	265059	42.69	ng		97
66) 4-Bromophenyl-phenylether	16.75	248	95431	43.03	ng		97
67) Hexachlorobenzene	16.87	284	100762	43.04	ng		96
68) Atrazine	17.01	200	100731	41.09	ng		99
69) Pentachlorophenol	17.21	266	127507	95.40	ng		94
70) Phenanthrene	17.60	178	471356	41.32	ng		98
71) Anthracene	17.70	178	478315	41.30	ng		97
72) Carbazole	17.96	167	439414	40.65	ng		97
73) Di-n-butylphthalate	18.50	149	540560	39.31	ng		99
74) Fluoranthene	19.60	202	537208	39.43	ng		99
76) Benzidine	19.77	184	215143	29.59	ng		100
77) Pyrene	19.96	202	554484	41.18	ng		99
79) Butylbenzylphthalate	20.83	149	251381	40.22	ng		99
80) Benzo(a)anthracene	21.82	228	553072	41.16	ng		98
81) 3,3'-Dichlorobenzidine	21.72	252	114633	10.78	ng		99
82) Chrysene	21.89	228	514566	39.86	ng		98
83) Bis(2-ethylhexyl)phthalate	21.71	149	365267	39.96	ng	#	99
84) Di-n-octyl phthalate	22.96	149	634322	41.43	ng		100
85) Indeno(1,2,3-cd)pyrene	28.99	276	334042	21.77	ng	#	88
87) Benzo(b)fluoranthene	24.11	252	484263	42.57	ng		99
88) Benzo(k)fluoranthene	24.19	252	525447	47.24	ng		98
89) Benzo(a)pyrene	25.02	252	459256	41.67	ng		98
90) Dibenzo(a,h)anthracene	29.07	278	302052	27.34	ng		99
91) Benzo(g,h,i)perylene	30.18	276	253927	23.42	ng		97

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

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