Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122916\
Data File : BG025406.D
Acq On : 29 Dec 2016 16:12
Operator : UM/SJ
Sample : PB95674BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB95674BS

Manual Integrations APPROVED
Sohil
12/30/2016 8:43:23 AM

Quant Time: Dec 30 00:46:44 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 18:42:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	50262	20.00	ng		0.00
21) Naphthalene-d8	11.03	136	206158	20.00	ng		0.00
38) Acenaphthene-d10	14.84	164	172468	20.00	ng		0.00
63) Phenanthrene-d10	17.58	188	409676	20.00	ng		0.00
75) Chrysene-d12	21.87	240	568669	20.00	ng		0.00
86) Perylene-d12	25.29	264	615057	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.75	112	399745	144.56	ng		0.00
7) Phenol-d6	7.37	99	564495	144.95	ng		0.00
23) Nitrobenzene-d5	9.39	82	408528	87.54	ng		0.00
41) 2,4,6-Tribromophenol	16.33	330	383420	138.09	ng		0.00
44) 2-Fluorobiphenyl	13.45	172	930687	87.36	ng		0.00
78) Terphenyl-d14	20.16	244	1847774	86.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	44599	37.80	ng		95
3) Pyridine	4.00	79	130255	38.08	ng		99
4) n-Nitrosodimethylamine	3.92	42	86384	42.55	ng	#	89
6) Aniline	7.53	93	193831	36.73	ng		93
8) 2-Chlorophenol	7.77	128	148123	47.49	ng		98
9) Benzaldehyde	7.36	77	18144	6.37	ng		91
10) Phenol	7.40	94	204844	47.45	ng		93
11) bis(2-Chloroethyl)ether	7.62	93	143391	43.10	ng		86
12) 1,3-Dichlorobenzene	8.10	146	158290	41.93	ng		92
13) 1,4-Dichlorobenzene	8.24	146	167128	42.72	ng		98
14) 1,2-Dichlorobenzene	8.57	146	153298	41.06	ng		93
15) Benzyl Alcohol	8.45	79	172567	46.42	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.74	45	260367	42.26	ng		96
17) 2-Methylphenol	8.65	107	141932	50.06	ng		95
18) Hexachloroethane	9.29	117	64017	42.61	ng		91
19) n-Nitroso-di-n-propylamine	9.01	70	139751	42.49	ng	#	96
20) 3+4-Methylphenols	8.99	107	189135	48.20	ng		96
22) Acetophenone	9.04	105	237971	41.55	ng	#	96
24) Nitrobenzene	9.44	77	225894	44.13	ng		99
25) Isophorone	9.95	82	398600	47.17	ng		98
26) 2-Nitrophenol	10.15	139	83728	42.77	ng	#	93
27) 2,4-Dimethylphenol	10.19	122	157409	48.91	ng		94
28) bis(2-Chloroethoxy)methane	10.42	93	206363	47.03	ng		98
29) 2,4-Dichlorophenol	10.69	162	180771	52.49	ng		93
30) 1,2,4-Trichlorobenzene	10.89	180	182692	43.91	ng		96
31) Naphthalene	11.09	128	448070	43.52	ng		99
32) Benzoic acid	10.35	122	107192	41.41	ng		96
33) 4-Chloroaniline	11.20	127	137175	31.68	ng	#	91
34) Hexachlorobutadiene	11.35	225	148190	43.63	ng		94
35) Caprolactam	11.99	113	60344m	46.63	ng		
36) 4-Chloro-3-methylphenol	12.31	107	207608	48.84	ng		99
37) 2-Methylnaphthalene	12.68	142	351997	46.14	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.04	216	254071	44.62	ng		97
40) Hexachlorocyclopentadiene	13.00	237	252546	117.02	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.28	196	165209	46.08	ng		94
43) 2,4,5-Trichlorophenol	13.37	196	171905	45.81	ng		97
45) 1,1'-Biphenyl	13.67	154	512985	44.22	ng		93
46) 2-Chloronaphthalene	13.72	162	396328	43.73	ng		96
47) 2-Nitroaniline	13.94	65	172305	45.04	ng		98
48) Acenaphthylene	14.57	152	614203	43.73	ng		98
49) Dimethylphthalate	14.28	163	567770	45.16	ng		98
50) 2,6-Dinitrotoluene	14.42	165	125446	45.67	ng		95
51) Acenaphthene	14.90	154	387907	42.22	ng		96
52) 3-Nitroaniline	14.76	138	87466	33.12	ng		90
53) 2,4-Dinitrophenol	14.98	184	149652	82.89	ng		90
54) Dibenzofuran	15.23	168	672833	46.33	ng		95
55) 4-Nitrophenol	15.08	139	185281	93.94	ng		91
56) 2,4-Dinitrotoluene	15.21	165	187068	46.78	ng	#	96
57) Fluorene	15.88	166	533203	43.85	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.46	232	193591	48.15	ng		91
59) Diethylphthalate	15.62	149	601278	45.60	ng		96
60) 4-Chlorophenyl-phenylether	15.86	204	312159	45.30	ng		97
61) 4-Nitroaniline	15.92	138	115516	43.47	ng	#	83
62) Azobenzene	16.15	77	605260	47.60	ng		97
64) 4,6-Dinitro-2-methylphenol	15.98	198	129331	45.58	ng		96
65) n-Nitrosodiphenylamine	16.08	169	506345	45.73	ng		99
66) 4-Bromophenyl-phenylether	16.75	248	228020	45.11	ng		99
67) Hexachlorobenzene	16.88	284	251794	43.42	ng		92
68) Atrazine	17.02	200	236556	48.76	ng		99
69) Pentachlorophenol	17.23	266	279709	93.03	ng		96
70) Phenanthrene	17.63	178	958364	45.40	ng		94
71) Anthracene	17.71	178	1002021	46.71	ng		95
72) Carbazole	17.99	167	865450	45.11	ng		96
73) Di-n-butylphthalate	18.50	149	1056740	44.77	ng		97
74) Fluoranthene	19.62	202	1276997	45.80	ng		93
76) Benzidine	19.80	184	766316	54.02	ng		96
77) Pyrene	19.98	202	1301120	43.78	ng		97
79) Butylbenzylphthalate	20.83	149	516900	43.32	ng		99
80) Benzo(a)anthracene	21.86	228	1427425	45.00	ng		96
81) 3,3'-Dichlorobenzidine	21.76	252	416973	33.85	ng	#	93
82) Chrysene	21.93	228	1315317	43.24	ng		95
83) Bis(2-ethylhexyl)phthalate	21.70	149	731414	44.04	ng		95
84) Di-n-octyl phthalate	22.96	149	1287548	46.70	ng		96
85) Indeno(1,2,3-cd)pyrene	29.23	276	1806401	46.72	ng	#	59
87) Benzo(b)fluoranthene	24.19	252	1528682	45.55	ng	#	97
88) Benzo(k)fluoranthene	24.27	252	1389265	42.87	ng	#	95
89) Benzo(a)pyrene	25.12	252	1442695	44.51	ng	#	94
90) Dibenzo(a,h)anthracene	29.27	278	1492296	43.44	ng		99
91) Benzo(g,h,i)perylene	30.45	276	1499976	43.94	ng		96

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

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