Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091715\
Data File : BG018712.D
Acq On : 16 Sep 2015 19:01
Operator : TP
Sample : PB85527BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB85527BS

Manual Integrations APPROVED
MMDadoda
9/17/2015 3:48:42 PM

Quant Time: Sep 17 05:31:09 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 17 04:50:41 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	44049	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	190828	20.00	ng		0.00
38) Acenaphthene-d10	14.63	164	139480	20.00	ng		0.00
63) Phenanthrene-d10	17.37	188	380760	20.00	ng		0.00
75) Chrysene-d12	21.63	240	401585	20.00	ng		0.00
86) Perylene-d12	24.81	264	409728	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	314755	123.44	ng		0.00
7) Phenol-d6	7.17	99	446749	122.19	ng		0.00
23) Nitrobenzene-d5	9.16	82	248107	72.75	ng		0.00
41) 2,4,6-Tribromophenol	16.12	330	233893	124.54	ng		0.00
44) 2-Fluorobiphenyl	13.25	172	709554	70.62	ng		0.00
78) Terphenyl-d14	19.98	244	1179997	77.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.47	88	28951	27.16	ng	#	100
3) Pyridine	3.86	79	92294	27.93	ng		93
4) n-Nitrosodimethylamine	3.78	42	35730	31.05	ng		87
6) Aniline	7.32	93	116581	23.14	ng		96
8) 2-Chlorophenol	7.57	128	117927	40.05	ng		96
9) Benzaldehyde	7.13	77	42867	21.78	ng		88
10) Phenol	7.19	94	159853	41.39	ng		99
11) bis(2-Chloroethyl)ether	7.42	93	105565	35.27	ng		99
12) 1,3-Dichlorobenzene	7.89	146	118149	34.49	ng		98
13) 1,4-Dichlorobenzene	8.04	146	120411	35.05	ng		96
14) 1,2-Dichlorobenzene	8.36	146	117384	35.79	ng		97
15) Benzyl Alcohol	8.24	79	99467	37.74	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.53	45	120495	35.45	ng		99
17) 2-Methylphenol	8.44	107	108552	40.45	ng		95
18) Hexachloroethane	9.09	117	41964	34.16	ng		97
19) n-Nitroso-di-n-propylamine	8.80	70	85330	33.14	ng		97
20) 3+4-Methylphenols	8.77	107	153813	40.82	ng		97
22) Acetophenone	8.82	105	176220	36.45	ng	#	97
24) Nitrobenzene	9.20	77	127090	35.10	ng		98
25) Isophorone	9.73	82	252234	34.39	ng		100
26) 2-Nitrophenol	9.91	139	65988	39.06	ng		100
27) 2,4-Dimethylphenol	9.97	122	126207	41.14	ng		98
28) bis(2-Chloroethoxy)methane	10.21	93	157681	37.44	ng		96
29) 2,4-Dichlorophenol	10.45	162	136070	43.89	ng		99
30) 1,2,4-Trichlorobenzene	10.67	180	128327	37.35	ng		92
31) Naphthalene	10.85	128	372946	36.50	ng		98
32) Benzoic acid	10.11	122	95011	39.07	ng		98
33) 4-Chloroaniline	10.96	127	84343	18.24	ng		97
34) Hexachlorobutadiene	11.14	225	72477	35.78	ng		97
35) Caprolactam	11.73	113	52603m	39.46	ng		
36) 4-Chloro-3-methylphenol	12.08	107	145379	42.03	ng		96
37) 2-Methylnaphthalene	12.46	142	288595	38.58	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	153915	34.79	ng		99
40) Hexachlorocyclopentadiene	12.80	237	167814	75.53	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.06	196	121327	39.60	ng		97
43) 2,4,5-Trichlorophenol	13.14	196	133290	39.66	ng		99
45) 1,1'-Biphenyl	13.46	154	396219	35.72	ng		99
46) 2-Chloronaphthalene	13.50	162	309605	36.23	ng		99
47) 2-Nitroaniline	13.70	65	96696	37.60	ng		91
48) Acenaphthylene	14.35	152	556338	36.83	ng		98
49) Dimethylphthalate	14.08	163	433701	37.55	ng		98
50) 2,6-Dinitrotoluene	14.20	165	98527	39.26	ng		96
51) Acenaphthene	14.69	154	320811	36.50	ng		98
52) 3-Nitroaniline	14.53	138	73081	24.37	ng	#	93
53) 2,4-Dinitrophenol	14.74	184	77294	62.69	ng		98
54) Dibenzofuran	15.03	168	539730	39.52	ng		97
55) 4-Nitrophenol	14.84	139	184681	79.77	ng		97
56) 2,4-Dinitrotoluene	14.98	165	147368	41.41	ng		99
57) Fluorene	15.68	166	455760	38.76	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.25	232	125109	39.70	ng		99
59) Diethylphthalate	15.44	149	453433	37.64	ng		99
60) 4-Chlorophenyl-phenylether	15.67	204	219582	38.86	ng		94
61) 4-Nitroaniline	15.70	138	116189	35.94	ng		99
62) Azobenzene	15.96	77	407739	38.30	ng		97
64) 4,6-Dinitro-2-methylphenol	15.75	198	64697	33.39	ng		96
65) n-Nitrosodiphenylamine	15.88	169	410679	37.24	ng		99
66) 4-Bromophenyl-phenylether	16.56	248	149290	38.55	ng		98
67) Hexachlorobenzene	16.68	284	166605	39.60	ng		94
68) Atrazine	16.82	200	162578	37.08	ng		97
69) Pentachlorophenol	17.02	266	177589	68.44	ng		97
70) Phenanthrene	17.41	178	755638	37.73	ng		99
71) Anthracene	17.50	178	780767	38.50	ng		99
72) Carbazole	17.77	167	723412	36.86	ng		100
73) Di-n-butylphthalate	18.33	149	851613	36.79	ng		99
74) Fluoranthene	19.42	202	905305	36.50	ng		98
76) Benzidine	19.60	184	329308	27.31	ng		96
77) Pyrene	19.78	202	931647	37.75	ng		98
79) Butylbenzylphthalate	20.67	149	382977	38.17	ng		95
80) Benzo(a)anthracene	21.61	228	883129	38.20	ng		99
81) 3,3'-Dichlorobenzidine	21.52	252	221314	25.20	ng		98
82) Chrysene	21.68	228	798579	36.68	ng		99
83) Bis(2-ethylhexyl)phthalate	21.51	149	559368	38.65	ng		99
84) Di-n-octyl phthalate	22.71	149	952977	38.93	ng		100
85) Indeno(1,2,3-cd)pyrene	28.45	276	1043202	37.73	ng	#	100
87) Benzo(b)fluoranthene	23.80	252	924855	38.92	ng		99
88) Benzo(k)fluoranthene	23.87	252	882264	37.06	ng		97
89) Benzo(a)pyrene	24.67	252	890960	39.41	ng		98
90) Dibenzo(a,h)anthracene	28.50	278	854395	38.38	ng		97
91) Benzo(g,h,i)perylene	29.58	276	863844	38.11	ng		97

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

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