Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091415\
Data File : BG018663.D
Acq On : 14 Sep 2015 15:49
Operator : UM/IZ
Sample : PB85471BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB85471BS

Manual Integrations APPROVED
MMDadoda
9/15/2015 1:33:57 PM

Quant Time: Sep 15 02:16:35 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 15 01:23:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	57897	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	234740	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	143429	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	413433	20.00	ng	0.00
75) Chrysene-d12	21.63	240	507601	20.00	ng	0.00
86) Perylene-d12	24.82	264	513024	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	427904	127.67	ng	0.00
7) Phenol-d6	7.17	99	577121	120.09	ng	0.00
23) Nitrobenzene-d5	9.16	82	327387	78.04	ng	0.00
41) 2,4,6-Tribromophenol	16.12	330	247729	128.27	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	834791	80.80	ng	0.00
78) Terphenyl-d14	19.98	244	1563923	80.91	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.47	88	44475	31.75	ng	# 100
3) Pyridine	3.87	79	130932	30.15	ng	98
4) n-Nitrosodimethylamine	3.78	42	49936	33.02	ng	78
6) Aniline	7.33	93	172841	26.10	ng	99
8) 2-Chlorophenol	7.57	128	153908	39.77	ng	97
9) Benzaldehyde	7.14	77	74511	28.80	ng	99
10) Phenol	7.19	94	200789	39.55	ng	99
11) bis(2-Chloroethyl)ether	7.42	93	150061	38.14	ng	97
12) 1,3-Dichlorobenzene	7.89	146	164971	36.64	ng	94
13) 1,4-Dichlorobenzene	8.04	146	167828	37.17	ng	96
14) 1,2-Dichlorobenzene	8.36	146	163595	37.94	ng	96
15) Benzyl Alcohol	8.24	79	125865	36.34	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.54	45	168306	37.67	ng	98
17) 2-Methylphenol	8.44	107	138504	39.26	ng	97
18) Hexachloroethane	9.09	117	60627	37.55	ng	89
19) n-Nitroso-di-n-propylamine	8.80	70	109467	32.34	ng	98
20) 3+4-Methylphenols	8.77	107	186560	37.67	ng	94
22) Acetophenone	8.82	105	224806	37.80	ng	100
24) Nitrobenzene	9.20	77	165065	37.05	ng	99
25) Isophorone	9.72	82	311443	34.52	ng	100
26) 2-Nitrophenol	9.92	139	78162	37.61	ng	96
27) 2,4-Dimethylphenol	9.98	122	151223	40.07	ng	100
28) bis(2-Chloroethoxy)methane	10.21	93	204027	39.38	ng	99
29) 2,4-Dichlorophenol	10.45	162	156630	41.07	ng	97
30) 1,2,4-Trichlorobenzene	10.67	180	162581	38.47	ng	98
31) Naphthalene	10.86	128	477168	37.96	ng	98
32) Benzoic acid	10.09	122	95555	33.39	ng	97
33) 4-Chloroaniline	10.96	127	90719	15.95	ng	97
34) Hexachlorobutadiene	11.15	225	96770	38.84	ng	97
35) Caprolactam	11.72	113	59930m	36.55	ng	
36) 4-Chloro-3-methylphenol	12.08	107	160539	37.73	ng	98
37) 2-Methylnaphthalene	12.46	142	346161	37.62	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	178178	39.17	ng	97
40) Hexachlorocyclopentadiene	12.81	237	221402	96.91	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.06	196	126730	40.23	ng		96
43) 2,4,5-Trichlorophenol	13.14	196	140358	40.61	ng		98
45) 1,1'-Biphenyl	13.47	154	448130	39.29	ng		99
46) 2-Chloronaphthalene	13.51	162	346392	39.42	ng		97
47) 2-Nitroaniline	13.71	65	100021	37.83	ng		86
48) Acenaphthylene	14.35	152	597909	38.49	ng		97
49) Dimethylphthalate	14.08	163	447854	37.71	ng		97
50) 2,6-Dinitrotoluene	14.20	165	103018	39.92	ng		99
51) Acenaphthene	14.69	154	354250	39.20	ng		99
52) 3-Nitroaniline	14.53	138	82007	26.60	ng		87
53) 2,4-Dinitrophenol	14.74	184	103430	79.28	ng		92
54) Dibenzofuran	15.03	168	563879	40.15	ng		100
55) 4-Nitrophenol	14.84	139	225853	94.87	ng		96
56) 2,4-Dinitrotoluene	14.99	165	152904	41.78	ng		96
57) Fluorene	15.68	166	468286	38.73	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.25	232	133860	41.30	ng		97
59) Diethylphthalate	15.44	149	468760	37.84	ng		99
60) 4-Chlorophenyl-phenylether	15.66	204	230928	39.75	ng		97
61) 4-Nitroaniline	15.69	138	137764	41.44	ng		97
62) Azobenzene	15.96	77	433079	39.56	ng		98
64) 4,6-Dinitro-2-methylphenol	15.75	198	79021	36.88	ng		96
65) n-Nitrosodiphenylamine	15.88	169	412671	34.46	ng		99
66) 4-Bromophenyl-phenylether	16.56	248	151832	36.11	ng		98
67) Hexachlorobenzene	16.68	284	173200	37.91	ng		97
68) Atrazine	16.83	200	195314	41.02	ng		97
69) Pentachlorophenol	17.02	266	243688	86.49	ng		95
70) Phenanthrene	17.41	178	847976	38.99	ng		98
71) Anthracene	17.50	178	875558	39.76	ng		99
72) Carbazole	17.77	167	919869	43.16	ng		99
73) Di-n-butylphthalate	18.33	149	1083983	43.12	ng		100
74) Fluoranthene	19.42	202	1203910	44.70	ng		98
76) Benzidine	19.59	184	519783	34.10	ng		98
77) Pyrene	19.78	202	1239445	39.73	ng		99
79) Butylbenzylphthalate	20.66	149	509757	40.20	ng		98
80) Benzo(a)anthracene	21.61	228	1151729	39.41	ng		98
81) 3,3'-Dichlorobenzidine	21.53	252	291532	26.26	ng		98
82) Chrysene	21.68	228	1044350	37.95	ng		99
83) Bis(2-ethylhexyl)phthalate	21.52	149	744990	40.72	ng		97
84) Di-n-octyl phthalate	22.71	149	1249018	40.37	ng		99
85) Indeno(1,2,3-cd)pyrene	28.45	276	1367568	39.14	ng	#	100
87) Benzo(b)fluoranthene	23.81	252	1213903	40.80	ng		97
88) Benzo(k)fluoranthene	23.88	252	1156672	38.81	ng		97
89) Benzo(a)pyrene	24.67	252	1167698	41.25	ng		99
90) Dibenzo(a,h)anthracene	28.51	278	1102620	39.56	ng		99
91) Benzo(g,h,i)perylene	29.59	276	1139622	40.15	ng		99

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

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