Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042015\
Data File : BG016563.D
Acq On : 20 Apr 2015 22:10
Operator : TP/IZ
Sample : PB82873BSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB82873BSD

Manual Integrations APPROVED
apatel
4/21/2015 5:05:54 PM

Quant Time: Apr 21 02:22:48 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 21 01:34:55 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	67492	20.00	ng		0.00
21) Naphthalene-d8	10.44	136	294692	20.00	ng		0.00
38) Acenaphthene-d10	14.29	164	171520	20.00	ng		0.00
63) Phenanthrene-d10	17.04	188	368243	20.00	ng		0.00
75) Chrysene-d12	21.21	240	317518	20.00	ng		0.00
86) Perylene-d12	23.43	264	301792	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	572341	133.83	ng		0.00
7) Phenol-d6	6.85	99	779238	121.38	ng		0.02
23) Nitrobenzene-d5	8.81	82	399851	78.60	ng		0.00
41) 2,4,6-Tribromophenol	15.79	330	161782	139.47	ng		0.00
44) 2-Fluorobiphenyl	12.92	172	863913	85.76	ng		0.00
78) Terphenyl-d14	19.66	244	1046950	77.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	65657	33.77	ng		97
3) Pyridine	3.52	79	180838	31.12	ng		96
4) n-Nitrosodimethylamine	3.44	42	59587	34.50	ng		99
6) Aniline	6.98	93	141014	15.38	ng		99
8) 2-Chlorophenol	7.22	128	217970	42.44	ng		93
9) Benzaldehyde	6.79	77	23973	6.38	ng		100
10) Phenol	6.87	94	269118	39.18	ng		99
11) bis(2-Chloroethyl)ether	7.08	93	188175	34.36	ng		99
12) 1,3-Dichlorobenzene	7.54	146	202248	39.00	ng		97
13) 1,4-Dichlorobenzene	7.69	146	207354	38.54	ng		97
14) 1,2-Dichlorobenzene	8.00	146	196492	38.19	ng		98
15) Benzyl Alcohol	7.90	79	150671	33.67	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.19	45	198516	32.18	ng		98
17) 2-Methylphenol	8.11	107	180926	39.28	ng		98
18) Hexachloroethane	8.72	117	75494	36.68	ng		95
19) n-Nitroso-di-n-propylamine	8.46	70	141266	30.71	ng		98
20) 3+4-Methylphenols	8.44	107	241973	37.93	ng		97
22) Acetophenone	8.48	105	267615	39.16	ng	#	99
24) Nitrobenzene	8.85	77	197234	36.26	ng		93
25) Isophorone	9.37	82	388078	34.35	ng		96
26) 2-Nitrophenol	9.56	139	116283	45.84	ng		97
27) 2,4-Dimethylphenol	9.63	122	209384	44.31	ng		98
28) bis(2-Chloroethoxy)methane	9.86	93	240330	37.27	ng		98
29) 2,4-Dichlorophenol	10.10	162	181872	48.64	ng		98
30) 1,2,4-Trichlorobenzene	10.30	180	168876	43.26	ng		100
31) Naphthalene	10.48	128	603062	39.27	ng		99
32) Benzoic acid	9.79	122	101589	35.70	ng		93
33) 4-Chloroaniline	10.61	127	64834	9.00	ng		96
34) Hexachlorobutadiene	10.77	225	74102	43.22	ng		97
35) Caprolactam	11.38	113	100496m	42.69	ng		
36) 4-Chloro-3-methylphenol	11.75	107	211927	42.91	ng		95
37) 2-Methylnaphthalene	12.11	142	444742	40.26	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.48	216	157159	41.62	ng		99
40) Hexachlorocyclopentadiene	12.45	237	125831	72.80	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.73	196	127508	45.44	ng	98
43) 2,4,5-Trichlorophenol	12.81	196	137285	45.79	ng	97
45) 1,1'-Biphenyl	13.13	154	538671	40.94	ng	97
46) 2-Chloronaphthalene	13.16	162	409499	40.86	ng	99
47) 2-Nitroaniline	13.38	65	125464	38.84	ng	93
48) Acenaphthylene	14.02	152	712256	39.96	ng	98
49) Dimethylphthalate	13.76	163	513780	40.87	ng	100
50) 2,6-Dinitrotoluene	13.88	165	130704	42.99	ng	93
51) Acenaphthene	14.36	154	430166	40.39	ng	99
52) 3-Nitroaniline	14.21	138	68655	17.68	ng	88
53) 2,4-Dinitrophenol	14.43	184	111792	65.24	ng	94
54) Dibenzofuran	14.69	168	624684	42.27	ng	99
55) 4-Nitrophenol	14.54	139	255402	79.60	ng	96
56) 2,4-Dinitrotoluene	14.67	165	188178	45.44	ng	88
57) Fluorene	15.34	166	546036	41.88	ng	99
58) 2,3,4,6-Tetrachlorophenol	14.93	232	105432	45.57	ng	96
59) Diethylphthalate	15.12	149	558590	41.75	ng	100
60) 4-Chlorophenyl-phenylether	15.34	204	224049	42.01	ng	95
61) 4-Nitroaniline	15.38	138	167810	38.08	ng	96
62) Azobenzene	15.63	77	542291	38.08	ng	98
64) 4,6-Dinitro-2-methylphenol	15.44	198	92457	36.67	ng	90
65) n-Nitrosodiphenylamine	15.56	169	496001	39.84	ng	99
66) 4-Bromophenyl-phenylether	16.23	248	118853	40.42	ng	95
67) Hexachlorobenzene	16.35	284	122353	40.04	ng	97
68) Atrazine	16.51	200	158393	45.65	ng	99
69) Pentachlorophenol	16.70	266	135385	72.56	ng	99
70) Phenanthrene	17.08	178	829372	40.04	ng	99
71) Anthracene	17.17	178	844798	41.16	ng	99
72) Carbazole	17.44	167	864826	41.98	ng	99
73) Di-n-butylphthalate	18.00	149	1033916	41.01	ng	100
74) Fluoranthene	19.09	202	877225	41.09	ng	97
76) Benzidine	19.29	184	256715	19.07	ng	96
77) Pyrene	19.46	202	905670	40.96	ng	99
79) Butylbenzylphthalate	20.36	149	478897	44.09	ng	96
80) Benzo(a)anthracene	21.20	228	771170	41.09	ng	100
81) 3,3'-Dichlorobenzidine	21.14	252	131053	21.24	ng	99
82) Chrysene	21.25	228	727312	40.15	ng	99
83) Bis(2-ethylhexyl)phthalate	21.13	149	661550	44.99	ng	98
84) Di-n-octyl phthalate	21.99	149	1108087	46.25	ng	98
85) Indeno(1,2,3-cd)pyrene	25.70	276	813018	43.20	ng	98
87) Benzo(b)fluoranthene	22.76	252	747212	42.27	ng	98
88) Benzo(k)fluoranthene	22.81	252	697246	40.31	ng	99
89) Benzo(a)pyrene	23.34	252	716052	43.22	ng	99
90) Dibenzo(a,h)anthracene	25.70	278	669022	41.50	ng	98
91) Benzo(g,h,i)perylene	26.39	276	685435	42.57	ng	99

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

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