Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042315\
Data File : BG016665.D
Acq On : 23 Apr 2015 22:37
Operator : TP/IZ
Sample : PB82952BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB82952BS

Manual Integrations APPROVED
apatel
4/24/2015 3:29:46 PM

Quant Time: Apr 24 03:21:31 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 23 19:19:11 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	51256	20.00	ng		0.00
21) Naphthalene-d8	10.38	136	225158	20.00	ng		0.00
38) Acenaphthene-d10	14.25	164	134466	20.00	ng		0.00
63) Phenanthrene-d10	16.99	188	293712	20.00	ng		0.00
75) Chrysene-d12	21.18	240	276108	20.00	ng		0.00
86) Perylene-d12	23.38	264	258450	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	376281	119.13	ng		0.00
7) Phenol-d6	6.80	99	519524	117.24	ng		0.00
23) Nitrobenzene-d5	8.76	82	256121	71.88	ng		0.00
41) 2,4,6-Tribromophenol	15.74	330	116531	116.82	ng		0.00
44) 2-Fluorobiphenyl	12.86	172	613359	73.29	ng		0.00
78) Terphenyl-d14	19.63	244	836903	69.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.05	88	41743	30.51	ng		99
3) Pyridine	3.45	79	115649	29.77	ng		98
4) n-Nitrosodimethylamine	3.38	42	38023	33.17	ng	#	94
6) Aniline	6.93	93	133188	21.92	ng		98
8) 2-Chlorophenol	7.17	128	145348	37.23	ng		99
9) Benzaldehyde	6.74	77	12436	6.87	ng		91
10) Phenol	6.82	94	179723	38.48	ng		100
11) bis(2-Chloroethyl)ether	7.03	93	121746	33.39	ng		98
12) 1,3-Dichlorobenzene	7.48	146	136272	33.75	ng		99
13) 1,4-Dichlorobenzene	7.63	146	137824	33.39	ng		100
14) 1,2-Dichlorobenzene	7.95	146	132639	33.66	ng		99
15) Benzyl Alcohol	7.85	79	97630	35.11	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.14	45	120682	35.36	ng		98
17) 2-Methylphenol	8.06	107	119167	38.16	ng		99
18) Hexachloroethane	8.66	117	48964	33.65	ng		98
19) n-Nitroso-di-n-propylamine	8.41	70	89333	32.34	ng		98
20) 3+4-Methylphenols	8.39	107	163879	37.32	ng		99
22) Acetophenone	8.42	105	178481	36.12	ng	#	98
24) Nitrobenzene	8.80	77	128498	34.34	ng		99
25) Isophorone	9.32	82	248208	33.61	ng		100
26) 2-Nitrophenol	9.50	139	76235	35.11	ng		97
27) 2,4-Dimethylphenol	9.58	122	141018	38.89	ng		98
28) bis(2-Chloroethoxy)methane	9.80	93	160275	35.97	ng		99
29) 2,4-Dichlorophenol	10.05	162	123214	39.98	ng		96
30) 1,2,4-Trichlorobenzene	10.25	180	112811	34.54	ng		99
31) Naphthalene	10.43	128	412838	34.77	ng		100
32) Benzoic acid	9.73	122	49722	29.48	ng		98
33) 4-Chloroaniline	10.56	127	83932	15.34	ng		97
34) Hexachlorobutadiene	10.71	225	50325	34.49	ng		97
35) Caprolactam	11.32	113	64372m	38.74	ng		
36) 4-Chloro-3-methylphenol	11.71	107	139163	38.83	ng		99
37) 2-Methylnaphthalene	12.05	142	304834	35.55	ng		100
39) 1,2,4,5-Tetrachlorobenzene	12.43	216	110509	34.50	ng		98
40) Hexachlorocyclopentadiene	12.41	237	86308	70.46	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.68	196	84560	36.12	ng	96
43) 2,4,5-Trichlorophenol	12.76	196	94326	38.08	ng	96
45) 1,1'-Biphenyl	13.08	154	382079	36.18	ng	100
46) 2-Chloronaphthalene	13.12	162	284920	35.10	ng	99
47) 2-Nitroaniline	13.33	65	82485	37.25	ng	99
48) Acenaphthylene	13.97	152	499673	35.14	ng	99
49) Dimethylphthalate	13.72	163	368809	36.66	ng	99
50) 2,6-Dinitrotoluene	13.84	165	91300	36.99	ng	98
51) Acenaphthene	14.32	154	303679	35.59	ng	99
52) 3-Nitroaniline	14.17	138	64891	21.75	ng	98
53) 2,4-Dinitrophenol	14.39	184	93861	70.89	ng	97
54) Dibenzofuran	14.65	168	448120	37.23	ng	98
55) 4-Nitrophenol	14.51	139	181247	81.08	ng	97
56) 2,4-Dinitrotoluene	14.63	165	130480	38.59	ng	98
57) Fluorene	15.30	166	390711	37.13	ng	99
58) 2,3,4,6-Tetrachlorophenol	14.89	232	72011	38.42	ng	99
59) Diethylphthalate	15.08	149	391588	37.35	ng	98
60) 4-Chlorophenyl-phenylether	15.30	204	164172	37.36	ng	98
61) 4-Nitroaniline	15.34	138	121106	36.70	ng	99
62) Azobenzene	15.59	77	375914	39.26	ng	99
64) 4,6-Dinitro-2-methylphenol	15.40	198	67518	33.97	ng	99
65) n-Nitrosodiphenylamine	15.51	169	354649	35.22	ng	99
66) 4-Bromophenyl-phenylether	16.19	248	87482	35.64	ng	97
67) Hexachlorobenzene	16.30	284	88326	34.99	ng	98
68) Atrazine	16.47	200	113355	41.93	ng	99
69) Pentachlorophenol	16.66	266	95394	77.83	ng	98
70) Phenanthrene	17.04	178	603752	35.78	ng	99
71) Anthracene	17.12	178	612527	36.50	ng	100
72) Carbazole	17.41	167	641634	38.16	ng	98
73) Di-n-butylphthalate	17.96	149	761358	37.99	ng	99
74) Fluoranthene	19.06	202	661866	37.02	ng	99
76) Benzidine	19.25	184	332592	35.37	ng	99
77) Pyrene	19.42	202	697569	35.96	ng	99
79) Butylbenzylphthalate	20.33	149	352800	36.97	ng	97
80) Benzo(a)anthracene	21.17	228	601583	35.93	ng	98
81) 3,3'-Dichlorobenzidine	21.10	252	120064	22.00	ng	97
82) Chrysene	21.22	228	573901	35.76	ng	99
83) Bis(2-ethylhexyl)phthalate	21.10	149	480800	37.04	ng	98
84) Di-n-octyl phthalate	21.96	149	810882	37.50	ng	100
85) Indeno(1,2,3-cd)pyrene	25.63	276	614236	35.11	ng	99
87) Benzo(b)fluoranthene	22.72	252	582083	37.08	ng	99
88) Benzo(k)fluoranthene	22.76	252	531294	34.68	ng	99
89) Benzo(a)pyrene	23.29	252	546781	36.96	ng	98
90) Dibenzo(a,h)anthracene	25.63	278	513994	35.73	ng	97
91) Benzo(g,h,i)perylene	26.31	276	522494	35.70	ng	99

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

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