Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022616\
Data File : BG021085.D
Acq On : 26 Feb 2016 19:30
Operator : UM/SJ
Sample : PB88508BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB88508BS

Manual Integrations APPROVED
Sohil
2/29/2016 10:21:39 AM

Quant Time: Feb 27 01:25:34 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 26 16:39:44 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	5242	20.00	ng		0.00
21) Naphthalene-d8	10.99	136	23576	20.00	ng		0.00
38) Acenaphthene-d10	14.78	164	15476	20.00	ng		0.00
63) Phenanthrene-d10	17.51	188	37979	20.00	ng		0.00
75) Chrysene-d12	21.79	240	45789	20.00	ng		0.00
86) Perylene-d12	25.08	264	42715	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.73	112	44299	147.95	ng		0.00
7) Phenol-d6	7.32	99	64809	145.46	ng		0.00
23) Nitrobenzene-d5	9.34	82	44578	90.09	ng		-0.01
41) 2,4,6-Tribromophenol	16.26	330	29219	144.00	ng		0.00
44) 2-Fluorobiphenyl	13.41	172	104964	86.79	ng		0.00
78) Terphenyl-d14	20.11	244	190114	97.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.61	88	4639	33.46	ng	#	91
3) Pyridine	4.01	79	13967	34.44	ng	#	94
4) n-Nitrosodimethylamine	3.92	42	8138	39.58	ng		82
6) Aniline	7.50	93	15267	27.70	ng		95
8) 2-Chlorophenol	7.73	128	17058	45.68	ng		96
9) Benzaldehyde	7.30	77	2881	11.94	ng	#	80
10) Phenol	7.35	94	22230	48.70	ng		81
11) bis(2-Chloroethyl)ether	7.59	93	14327	40.95	ng		98
12) 1,3-Dichlorobenzene	8.06	146	16551	41.64	ng	#	88
13) 1,4-Dichlorobenzene	8.21	146	16823	39.62	ng		94
14) 1,2-Dichlorobenzene	8.53	146	16138	40.14	ng		96
15) Benzyl Alcohol	8.41	79	18982	48.77	ng	#	89
16) 2,2'-oxybis(1-Chloropropan	8.70	45	16842	41.99	ng		86
17) 2-Methylphenol	8.60	107	15612	48.46	ng	#	88
18) Hexachloroethane	9.26	117	6681	41.60	ng	#	82
19) n-Nitroso-di-n-propylamine	8.98	70	14472	42.11	ng		93
20) 3+4-Methylphenols	8.93	107	21307	47.70	ng		92
22) Acetophenone	9.00	105	25822	39.68	ng	#	93
24) Nitrobenzene	9.38	77	21817	42.68	ng		91
25) Isophorone	9.91	82	40516	43.69	ng	#	97
26) 2-Nitrophenol	10.09	139	9149	42.33	ng	#	75
27) 2,4-Dimethylphenol	10.14	122	18452	48.40	ng		84
28) bis(2-Chloroethoxy)methane	10.38	93	21450	47.46	ng		96
29) 2,4-Dichlorophenol	10.62	162	17984	48.19	ng		99
30) 1,2,4-Trichlorobenzene	10.85	180	17685	41.81	ng		93
31) Naphthalene	11.03	128	50864	42.00	ng		100
32) Benzoic acid	10.26	122	13564	38.75	ng	#	88
33) 4-Chloroaniline	11.13	127	5727	11.32	ng	#	90
34) Hexachlorobutadiene	11.32	225	11569	40.88	ng		96
35) Caprolactam	11.92	113	5975m	47.38	ng		
36) 4-Chloro-3-methylphenol	12.24	107	22517	49.22	ng		86
37) 2-Methylnaphthalene	12.63	142	39253	46.15	ng	#	87
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	23094	40.38	ng		98
40) Hexachlorocyclopentadiene	12.97	237	34785	92.49	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	17250	48.10	ng		97
43) 2,4,5-Trichlorophenol	13.28	196	18502m	50.21	ng		
45) 1,1'-Biphenyl	13.62	154	53274	40.88	ng		96
46) 2-Chloronaphthalene	13.67	162	42187	42.66	ng		97
47) 2-Nitroaniline	13.86	65	15835	49.42	ng	#	81
48) Acenaphthylene	14.51	152	67738	43.30	ng		99
49) Dimethylphthalate	14.24	163	59286	44.45	ng	#	99
50) 2,6-Dinitrotoluene	14.35	165	12949	47.19	ng	#	71
51) Acenaphthene	14.85	154	43719	40.97	ng		99
52) 3-Nitroaniline	14.68	138	5518	20.67	ng	#	73
53) 2,4-Dinitrophenol	14.88	184	18511	96.75	ng		94
54) Dibenzofuran	15.18	168	65792	48.67	ng		92
55) 4-Nitrophenol	14.97	139	22565	95.28	ng	#	56
56) 2,4-Dinitrotoluene	15.13	165	18581	47.22	ng	#	82
57) Fluorene	15.82	166	58138	44.21	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.39	232	16886	52.72	ng		95
59) Diethylphthalate	15.59	149	63665	45.29	ng		97
60) 4-Chlorophenyl-phenylether	15.81	204	31044	42.91	ng		98
61) 4-Nitroaniline	15.83	138	13957	45.91	ng	#	54
62) Azobenzene	16.10	77	62889	51.64	ng		90
64) 4,6-Dinitro-2-methylphenol	15.89	198	12335	44.28	ng		91
65) n-Nitrosodiphenylamine	16.03	169	52948	47.26	ng		91
66) 4-Bromophenyl-phenylether	16.70	248	19476	43.56	ng		92
67) Hexachlorobenzene	16.82	284	21087	44.70	ng		93
68) Atrazine	16.97	200	21316	51.34	ng		98
69) Pentachlorophenol	17.16	266	28863	90.63	ng		93
70) Phenanthrene	17.56	178	94609	46.30	ng		98
71) Anthracene	17.65	178	94572	45.95	ng		100
72) Carbazole	17.91	167	87103	49.02	ng		99
73) Di-n-butylphthalate	18.47	149	110040	46.98	ng	#	97
74) Fluoranthene	19.55	202	119330	46.55	ng		95
76) Benzidine	19.73	184	24806	20.59	ng		98
77) Pyrene	19.91	202	122758	48.42	ng		100
79) Butylbenzylphthalate	20.79	149	50905	48.11	ng	#	93
80) Benzo(a)anthracene	21.76	228	124427	47.23	ng		99
81) 3,3'-Dichlorobenzidine	21.67	252	16971	16.46	ng		96
82) Chrysene	21.83	228	113830	44.86	ng		98
83) Bis(2-ethylhexyl)phthalate	21.67	149	74541	45.62	ng	#	97
84) Di-n-octyl phthalate	22.91	149	128395	46.89	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.85	276	138706	45.34	ng	#	100
87) Benzo(b)fluoranthene	24.03	252	127961	47.92	ng	#	95
88) Benzo(k)fluoranthene	24.10	252	122891	46.69	ng	#	97
89) Benzo(a)pyrene	24.92	252	121968	47.59	ng	#	95
90) Dibenzo(a,h)anthracene	28.91	278	119996	46.44	ng	#	95
91) Benzo(g,h,i)perylene	30.01	276	113865	45.75	ng		97

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

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