Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
Data File : BF082278.D
Acq On : 14 Oct 2015 14:33
Operator : UM/IZ
Sample : PB86108BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB86108BS

Manual Integrations APPROVED
MMdadoda
10/15/2015 4:55:36 PM

Quant Time: Oct 15 02:32:13 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 15 01:42:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	94710	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	372649	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	197164	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	393602	20.00	ng		0.00
75) Chrysene-d12	14.05	240	358460	20.00	ng		-0.08
86) Perylene-d12	15.56	264	309747	20.00	ng		-0.18
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	496054	105.71	ng		0.01
7) Phenol-d6	6.47	99	675522	110.62	ng		0.00
23) Nitrobenzene-d5	7.39	82	399764	72.04	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	192538	104.13	ng		-0.01
44) 2-Fluorobiphenyl	9.19	172	835603	70.28	ng		-0.01
78) Terphenyl-d14	12.95	244	970607	71.75	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	60868	25.82	ng		93
3) Pyridine	3.15	79	170850	31.16	ng		96
4) n-Nitrosodimethylamine	3.12	42	71223	30.62	ng		97
6) Aniline	6.49	93	199578	25.35	ng		96
8) 2-Chlorophenol	6.61	128	195925	34.20	ng		87
9) Benzaldehyde	6.37	77	95922	30.76	ng		92
10) Phenol	6.48	94	249164	35.39	ng		92
11) bis(2-Chloroethyl)ether	6.56	93	187316	31.46	ng		92
12) 1,3-Dichlorobenzene	6.77	146	211005m	31.63	ng		
13) 1,4-Dichlorobenzene	6.83	146	215015	30.86	ng		96
14) 1,2-Dichlorobenzene	6.99	146	220776	33.37	ng		94
15) Benzyl Alcohol	6.97	79	152180	36.10	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	285926	34.48	ng		99
17) 2-Methylphenol	7.09	107	156278	34.50	ng		99
18) Hexachloroethane	7.34	117	73922	31.00	ng	#	76
19) n-Nitroso-di-n-propylamine	7.25	70	139246	32.47	ng	#	91
20) 3+4-Methylphenols	7.25	107	196813	36.46	ng	#	85
22) Acetophenone	7.23	105	263437	35.74	ng		96
24) Nitrobenzene	7.42	77	204353	34.02	ng	#	88
25) Isophorone	7.66	82	377668	33.72	ng		95
26) 2-Nitrophenol	7.73	139	100656	33.56	ng	#	81
27) 2,4-Dimethylphenol	7.77	122	187448	38.79	ng		98
28) bis(2-Chloroethoxy)methane	7.86	93	217922	33.44	ng		98
29) 2,4-Dichlorophenol	7.98	162	177791	36.81	ng		95
30) 1,2,4-Trichlorobenzene	8.06	180	186744	33.54	ng		95
31) Naphthalene	8.14	128	561219	34.74	ng		99
32) Benzoic acid	7.89	122	70950	21.88	ng		97
33) 4-Chloroaniline	8.19	127	135584	20.21	ng	#	94
34) Hexachlorobutadiene	8.25	225	115609	33.32	ng		98
35) Caprolactam	8.56	113	51614	36.82	ng	#	73
36) 4-Chloro-3-methylphenol	8.67	107	177789	37.64	ng		100
37) 2-Methylnaphthalene	8.82	142	383179	34.22	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	206294	35.18	ng		99
40) Hexachlorocyclopentadiene	8.97	237	152680	54.42	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	134976	34.65	ng		99
43) 2,4,5-Trichlorophenol	9.15	196	146380	34.69	ng		97
45) 1,1'-Biphenyl	9.29	154	495753	32.97	ng		98
46) 2-Chloronaphthalene	9.31	162	382306	32.30	ng		94
47) 2-Nitroaniline	9.42	65	112516	34.63	ng		97
48) Acenaphthylene	9.74	152	656124	35.59	ng		99
49) Dimethylphthalate	9.60	163	480241	34.59	ng		100
50) 2,6-Dinitrotoluene	9.67	165	111553	38.08	ng	#	85
51) Acenaphthene	9.91	154	383658	34.66	ng		98
52) 3-Nitroaniline	9.83	138	71012	21.46	ng	#	73
53) 2,4-Dinitrophenol	9.94	184	91361	57.74	ng		95
54) Dibenzofuran	10.08	168	575095	37.84	ng		100
55) 4-Nitrophenol	10.01	139	146379	68.09	ng		83
56) 2,4-Dinitrotoluene	10.07	165	139282	38.04	ng		98
57) Fluorene	10.42	166	463394	37.13	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.19	232	122450	35.52	ng		99
59) Diethylphthalate	10.30	149	464984	35.93	ng		98
60) 4-Chlorophenyl-phenylether	10.41	204	199624	34.92	ng		99
61) 4-Nitroaniline	10.46	138	110824	34.53	ng		97
62) Azobenzene	10.57	77	447619	35.34	ng		99
64) 4,6-Dinitro-2-methylphenol	10.48	198	73385	33.22	ng		99
65) n-Nitrosodiphenylamine	10.54	169	400109	33.95	ng		99
66) 4-Bromophenyl-phenylether	10.90	248	127069	32.26	ng		95
67) Hexachlorobenzene	10.97	284	144323	33.88	ng		96
68) Atrazine	11.06	200	129101	34.58	ng		98
69) Pentachlorophenol	11.17	266	150922	68.85	ng		97
70) Phenanthrene	11.38	178	653511	33.87	ng		100
71) Anthracene	11.44	178	763786	38.42	ng		100
72) Carbazole	11.60	167	655550	36.15	ng		98
73) Di-n-butylphthalate	11.92	149	759096	33.93	ng		100
74) Fluoranthene	12.57	202	695030	33.54	ng		96
76) Benzidine	12.71	184	344868	33.20	ng		99
77) Pyrene	12.80	202	768857	36.14	ng		99
79) Butylbenzylphthalate	13.44	149	347145	35.76	ng	#	85
80) Benzo(a)anthracene	14.04	228	666219	35.72	ng		99
81) 3,3'-Dichlorobenzidine	13.99	252	168795	23.84	ng	#	99
82) Chrysene	14.07	228	660515	33.61	ng		98
83) Bis(2-ethylhexyl)phthalate	14.02	149	462217	33.37	ng	#	97
84) Di-n-octyl phthalate	14.69	149	735527	30.92	ng		99
85) Indeno(1,2,3-cd)pyrene	16.98	276	520480	33.32	ng		100
87) Benzo(b)fluoranthene	15.13	252	577519m	30.65	ng		
88) Benzo(k)fluoranthene	15.17	252	644336m	40.68	ng		
89) Benzo(a)pyrene	15.50	252	578549	35.72	ng	#	96
90) Dibenzo(a,h)anthracene	17.01	278	434016	32.70	ng	#	96
91) Benzo(g,h,i)perylene	17.42	276	424655	32.94	ng		97

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

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