Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082599.D
Acq On : 31 Oct 2015 4:26
Operator : UM/IZ
Sample : PB86309BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB86309BS

Manual Integrations APPROVED
Mmdadoda
11/2/2015 4:32:16 PM

Quant Time: Oct 31 05:45:23 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 31 00:17:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	180480	20.00	ng		-0.01
21) Naphthalene-d8	8.19	136	692647	20.00	ng		0.00
38) Acenaphthene-d10	9.95	164	370450	20.00	ng		0.00
63) Phenanthrene-d10	11.44	188	694546	20.00	ng		0.00
75) Chrysene-d12	14.08	240	547395	20.00	ng		0.00
86) Perylene-d12	15.52	264	389453	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1304339	108.85	ng		0.01
7) Phenol-d6	6.53	99	1744998	109.61	ng		0.00
23) Nitrobenzene-d5	7.47	82	1392091	82.07	ng		0.00
41) 2,4,6-Tribromophenol	10.74	330	431134	106.34	ng		0.00
44) 2-Fluorobiphenyl	9.28	172	2083045	79.84	ng		0.00
78) Terphenyl-d14	13.03	244	1965237	78.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	178831	32.28	ng		93
3) Pyridine	3.34	79	488117	30.05	ng		95
4) n-Nitrosodimethylamine	3.29	42	310629	33.98	ng		97
6) Aniline	6.57	93	458048	20.67	ng		96
8) 2-Chlorophenol	6.69	128	474487	36.60	ng		99
9) Benzaldehyde	6.44	77	210278	19.35	ng		95
10) Phenol	6.54	94	570983	31.65	ng		95
11) bis(2-Chloroethyl)ether	6.64	93	442543	33.26	ng		99
12) 1,3-Dichlorobenzene	6.84	146	498372	33.71	ng		98
13) 1,4-Dichlorobenzene	6.92	146	549358	37.47	ng		97
14) 1,2-Dichlorobenzene	7.08	146	482870	35.48	ng		96
15) Benzyl Alcohol	7.05	79	579078	39.01	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.18	45	762470	36.05	ng		97
17) 2-Methylphenol	7.16	107	444254	40.30	ng		99
18) Hexachloroethane	7.42	117	211347	36.93	ng		92
19) n-Nitroso-di-n-propylamine	7.32	70	400946	33.23	ng		96
20) 3+4-Methylphenols	7.31	107	490844	34.26	ng		93
22) Acetophenone	7.31	105	721174	35.37	ng	#	77
24) Nitrobenzene	7.48	77	571186	33.31	ng	#	85
25) Isophorone	7.73	82	1110860	35.60	ng		98
26) 2-Nitrophenol	7.80	139	222190	35.48	ng		95
27) 2,4-Dimethylphenol	7.85	122	485139	39.68	ng		98
28) bis(2-Chloroethoxy)methane	7.94	93	571785	33.50	ng		98
29) 2,4-Dichlorophenol	8.05	162	410278	36.82	ng		98
30) 1,2,4-Trichlorobenzene	8.13	180	425764	34.43	ng		96
31) Naphthalene	8.21	128	1276300	34.05	ng		100
32) Benzoic acid	7.96	122	316762	35.71	ng		98
33) 4-Chloroaniline	8.26	127	155852	9.74	ng	#	88
34) Hexachlorobutadiene	8.34	225	281694	35.81	ng		99
35) Caprolactam	8.62	113	128801	37.67	ng		94
36) 4-Chloro-3-methylphenol	8.74	107	500802	38.16	ng		99
37) 2-Methylnaphthalene	8.91	142	962953	39.64	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	436559	35.32	ng		97
40) Hexachlorocyclopentadiene	9.07	237	617815	79.50	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	327793	36.72	ng		100
43) 2,4,5-Trichlorophenol	9.22	196	303300	34.10	ng		96
45) 1,1'-Biphenyl	9.38	154	1067746	34.12	ng		96
46) 2-Chloronaphthalene	9.40	162	880735	36.05	ng		96
47) 2-Nitroaniline	9.48	65	308440	32.47	ng		97
48) Acenaphthylene	9.81	152	1441456	36.88	ng		100
49) Dimethylphthalate	9.68	163	1120583	37.04	ng		99
50) 2,6-Dinitrotoluene	9.73	165	256907	40.97	ng	#	80
51) Acenaphthene	9.98	154	1009719	40.70	ng		99
52) 3-Nitroaniline	9.89	138	127449	18.27	ng		82
53) 2,4-Dinitrophenol	10.00	184	234814	71.10	ng	#	52
54) Dibenzofuran	10.16	168	1193186	35.44	ng		99
55) 4-Nitrophenol	10.05	139	339717	64.72	ng	#	67
56) 2,4-Dinitrotoluene	10.13	165	338613	39.93	ng		96
57) Fluorene	10.50	166	1033194	38.05	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.27	232	273537	36.39	ng		99
59) Diethylphthalate	10.38	149	1131993	36.75	ng		97
60) 4-Chlorophenyl-phenylether	10.49	204	465529	35.27	ng	#	72
61) 4-Nitroaniline	10.51	138	222700	33.45	ng		97
62) Azobenzene	10.65	77	1309592	37.70	ng		84
64) 4,6-Dinitro-2-methylphenol	10.54	198	173043	41.31	ng		83
65) n-Nitrosodiphenylamine	10.61	169	926385	38.80	ng		99
66) 4-Bromophenyl-phenylether	10.98	248	278520	35.39	ng	#	64
67) Hexachlorobenzene	11.05	284	307346	35.22	ng		90
68) Atrazine	11.14	200	306989	39.30	ng		98
69) Pentachlorophenol	11.24	266	465482	80.89	ng		99
70) Phenanthrene	11.46	178	1448602	36.98	ng		99
71) Anthracene	11.52	178	1541307	39.08	ng		98
72) Carbazole	11.66	167	1418965	41.30	ng		99
73) Di-n-butylphthalate	12.01	149	1778073	40.66	ng		97
74) Fluoranthene	12.65	202	1560582	38.97	ng		98
76) Benzidine	12.76	184	415968	16.85	ng		100
77) Pyrene	12.88	202	1588136	39.18	ng		99
79) Butylbenzylphthalate	13.51	149	725098	40.84	ng		87
80) Benzo(a)anthracene	14.07	228	1249464	35.93	ng		99
81) 3,3'-Dichlorobenzidine	14.03	252	189994	15.86	ng	#	93
82) Chrysene	14.10	228	1105199m	35.07	ng		
83) Bis(2-ethylhexyl)phthalate	14.07	149	859146	37.33	ng	#	95
84) Di-n-octyl phthalate	14.68	149	1350594	37.62	ng		100
85) Indeno(1,2,3-cd)pyrene	16.96	276	983303	37.81	ng		99
87) Benzo(b)fluoranthene	15.11	252	933676	34.77	ng		100
88) Benzo(k)fluoranthene	15.14	252	948720m	46.37	ng		
89) Benzo(a)pyrene	15.46	252	850077	40.19	ng		98
90) Dibenzo(a,h)anthracene	16.97	278	831516	42.14	ng		99
91) Benzo(g,h,i)perylene	17.38	276	822782	43.02	ng		100

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

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