Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021715\
Data File : BF077350.D
Acq On : 18 Feb 2015 8:51
Operator : TP/IZ
Sample : G1300-01MSD
Misc : S
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-04-005-AMSD

Manual Integrations APPROVED
apatel
2/18/2015 4:29:08 PM

Quant Time: Feb 18 12:33:56 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 18 09:51:00 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	58463	20.00	ng		0.00
21) Naphthalene-d8	8.96	136	235636	20.00	ng		0.00
38) Acenaphthene-d10	11.14	164	109741	20.00	ng		0.00
63) Phenanthrene-d10	12.98	188	217952	20.00	ng		0.00
75) Chrysene-d12	16.28	240	236279	20.00	ng		0.01
86) Perylene-d12	18.05	264	245681	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	424159	123.99	ng		0.01
7) Phenol-d6	6.92	99	513083	114.81	ng		0.00
23) Nitrobenzene-d5	8.06	82	285826	84.00	ng		0.00
41) 2,4,6-Tribromophenol	12.11	330	138800	135.72	ng		0.00
44) 2-Fluorobiphenyl	10.31	172	626797	86.10	ng		0.00
78) Terphenyl-d14	14.98	244	724458	69.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	43626	29.09	ng		97
3) Pyridine	3.14	79	126935	32.07	ng		93
4) n-Nitrosodimethylamine	3.06	42	67674	35.73	ng		93
6) Aniline	6.97	93	52898	8.38	ng		99
8) 2-Chlorophenol	7.10	128	149199	37.21	ng		98
9) Benzaldehyde	6.82	77	6645	2.47	ng	#	76
10) Phenol	6.94	94	193029	37.18	ng		87
11) bis(2-Chloroethyl)ether	7.06	93	133731	34.35	ng		97
12) 1,3-Dichlorobenzene	7.30	146	159758	35.32	ng		98
13) 1,4-Dichlorobenzene	7.40	146	165163	35.42	ng		99
14) 1,2-Dichlorobenzene	7.58	146	156097	34.71	ng		98
15) Benzyl Alcohol	7.55	79	120750	35.66	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.73	45	204913	34.96	ng		100
17) 2-Methylphenol	7.69	107	115195	36.04	ng		98
18) Hexachloroethane	8.01	117	52769	34.72	ng		99
19) n-Nitroso-di-n-propylamine	7.89	70	105933	34.11	ng		96
20) 3+4-Methylphenols	7.88	107	153296	36.84	ng		94
22) Acetophenone	7.88	105	208577	37.62	ng		98
24) Nitrobenzene	8.09	77	142786	38.93	ng		99
25) Isophorone	8.40	82	281429	36.69	ng	#	87
26) 2-Nitrophenol	8.49	139	49429	44.63	ng		97
27) 2,4-Dimethylphenol	8.54	122	132822	38.02	ng		92
28) bis(2-Chloroethoxy)methane	8.67	93	183369	37.16	ng		99
29) 2,4-Dichlorophenol	8.77	162	116728	38.88	ng		99
30) 1,2,4-Trichlorobenzene	8.89	180	140069	36.74	ng		98
31) Naphthalene	8.98	128	428396	36.33	ng		99
32) Benzoic acid	8.60	122	14089	17.61	ng		99
33) 4-Chloroaniline	9.06	127	40288	8.00	ng	#	91
34) Hexachlorobutadiene	9.14	225	76764	36.84	ng		99
35) Caprolactam	9.47	113	36213	39.20	ng		90
36) 4-Chloro-3-methylphenol	9.65	107	124275	37.62	ng	#	78
37) 2-Methylnaphthalene	9.85	142	302363	35.65	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.04	216	126254	39.84	ng		99
40) Hexachlorocyclopentadiene	10.03	237	73582	46.71	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.19	196	82917	46.71	ng		99
43) 2,4,5-Trichlorophenol	10.24	196	86338	45.48	ng	#	84
45) 1,1'-Biphenyl	10.43	154	352772	40.32	ng		93
46) 2-Chloronaphthalene	10.44	162	266034	40.93	ng		100
47) 2-Nitroaniline	10.57	65	61237	44.31	ng		98
48) Acenaphthylene	10.96	152	443226	41.36	ng		100
49) Dimethylphthalate	10.81	163	350111	46.36	ng		99
50) 2,6-Dinitrotoluene	10.88	165	58044	41.84	ng		100
51) Acenaphthene	11.17	154	263521	41.43	ng		100
52) 3-Nitroaniline	11.08	138	32683	20.01	ng		90
53) 2,4-Dinitrophenol	11.21	184	13278	63.50	ng		91
54) Dibenzofuran	11.39	168	387194	40.13	ng		99
55) 4-Nitrophenol	11.29	139	107347	94.71	ng	#	78
56) 2,4-Dinitrotoluene	11.38	165	79198	45.45	ng		96
57) Fluorene	11.81	166	309305	40.86	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.54	232	68551	44.41	ng		98
59) Diethylphthalate	11.69	149	328759	41.82	ng		99
60) 4-Chlorophenyl-phenylether	11.83	204	147115	39.95	ng		98
61) 4-Nitroaniline	11.84	138	54910	34.59	ng		95
62) Azobenzene	12.02	77	332604	42.71	ng		98
64) 4,6-Dinitro-2-methylphenol	11.87	198	11259	31.06	ng		95
65) n-Nitrosodiphenylamine	11.97	169	265499	37.35	ng		100
66) 4-Bromophenyl-phenylether	12.43	248	89923	37.01	ng		97
67) Hexachlorobenzene	12.49	284	97760	35.47	ng		93
68) Atrazine	12.64	200	79342	37.34	ng		97
69) Pentachlorophenol	12.74	266	88778	90.46	ng		97
70) Phenanthrene	13.01	178	485717	38.35	ng		99
71) Anthracene	13.07	178	461919	36.68	ng		100
72) Carbazole	13.28	167	429385	38.78	ng		99
73) Di-n-butylphthalate	13.72	149	515695	37.83	ng		100
74) Fluoranthene	14.49	202	517883	40.50	ng		98
76) Benzidine	14.67	184	170343	23.47	ng		99
77) Pyrene	14.77	202	550877	37.71	ng		100
79) Butylbenzylphthalate	15.60	149	226702	39.03	ng		97
80) Benzo(a)anthracene	16.27	228	528991	38.44	ng		100
81) 3,3'-Dichlorobenzidine	16.25	252	114901	25.28	ng	#	98
82) Chrysene	16.32	228	490014	37.66	ng		99
83) Bis(2-ethylhexyl)phthalate	16.32	149	355280	36.40	ng	#	97
84) Di-n-octyl phthalate	17.13	149	629194	40.15	ng		98
85) Indeno(1,2,3-cd)pyrene	19.59	276	647786m	43.60	ng		
87) Benzo(b)fluoranthene	17.59	252	593534	37.58	ng	#	95
88) Benzo(k)fluoranthene	17.62	252	450811m	34.56	ng		
89) Benzo(a)pyrene	17.99	252	520187	37.84	ng	#	98
90) Dibenzo(a,h)anthracene	19.61	278	517935	37.02	ng		98
91) Benzo(g,h,i)perylene	20.04	276	534646	38.44	ng		96

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

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