Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031815\
Data File : BF077791.D
Acq On : 18 Mar 2015 9:52
Operator : TP/IZ
Sample : PB82134BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB82134BS

Manual Integrations APPROVED
mohammad
3/20/2015 1:47:50 PM

Quant Time: Mar 19 01:22:07 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 18 13:16:00 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	37501	20.00	ng		0.00
21) Naphthalene-d8	8.74	136	158316	20.00	ng		0.00
38) Acenaphthene-d10	10.91	164	76401	20.00	ng		0.00
63) Phenanthrene-d10	12.75	188	152660	20.00	ng		0.00
75) Chrysene-d12	16.09	240	161520	20.00	ng		-0.05
86) Perylene-d12	17.99	264	157820	20.00	ng		-0.11
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	193261	89.96	ng		0.01
7) Phenol-d6	6.73	99	249186	93.88	ng		0.00
23) Nitrobenzene-d5	7.85	82	177488	73.49	ng		-0.01
41) 2,4,6-Tribromophenol	11.89	330	59636	81.58	ng		0.00
44) 2-Fluorobiphenyl	10.09	172	413137	79.47	ng		0.00
78) Terphenyl-d14	14.75	244	473864	71.66	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.06	88	34582	35.45	ng	#	100
3) Pyridine	2.75	79	101062	38.56	ng		97
4) n-Nitrosodimethylamine	2.68	42	41681	36.52	ng		97
6) Aniline	6.75	93	81248	21.40	ng	#	72
8) 2-Chlorophenol	6.89	128	117959	46.13	ng		99
9) Benzaldehyde	6.60	77	6944	6.39	ng		92
10) Phenol	6.74	94	141835	45.20	ng		88
11) bis(2-Chloroethyl)ether	6.85	93	110728	47.11	ng		99
12) 1,3-Dichlorobenzene	7.08	146	124316	43.71	ng		99
13) 1,4-Dichlorobenzene	7.18	146	124059	41.98	ng		98
14) 1,2-Dichlorobenzene	7.37	146	116680	43.06	ng		98
15) Benzyl Alcohol	7.34	79	93621	45.18	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.53	45	143088	45.18	ng		100
17) 2-Methylphenol	7.49	107	94437	45.36	ng		98
18) Hexachloroethane	7.78	117	41893	43.22	ng		99
19) n-Nitroso-di-n-propylamine	7.68	70	77112	41.99	ng		97
20) 3+4-Methylphenols	7.69	107	121795	44.58	ng		98
22) Acetophenone	7.66	105	156320	44.60	ng	#	98
24) Nitrobenzene	7.88	77	111659	42.91	ng	#	79
25) Isophorone	8.18	82	209777	43.01	ng		100
26) 2-Nitrophenol	8.27	139	57217	44.92	ng		94
27) 2,4-Dimethylphenol	8.34	122	110232	47.50	ng		98
28) bis(2-Chloroethoxy)methane	8.46	93	132560	44.78	ng		99
29) 2,4-Dichlorophenol	8.57	162	100100	45.25	ng		96
30) 1,2,4-Trichlorobenzene	8.67	180	102622	41.46	ng		98
31) Naphthalene	8.76	128	342837	42.16	ng		100
32) Benzoic acid	8.45	122	48588	38.21	ng		97
33) 4-Chloroaniline	8.84	127	83950	25.44	ng		97
34) Hexachlorobutadiene	8.92	225	58259	41.53	ng		99
35) Caprolactam	9.26	113	30271	46.82	ng		99
36) 4-Chloro-3-methylphenol	9.45	107	98237	44.14	ng	#	83
37) 2-Methylnaphthalene	9.62	142	233183	42.69	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.82	216	98592	43.27	ng	#	100
40) Hexachlorocyclopentadiene	9.81	237	102552	89.51	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.97	196	70191	44.47	ng		96
43) 2,4,5-Trichlorophenol	10.02	196	74556	43.72	ng	#	88
45) 1,1'-Biphenyl	10.20	154	272336	44.59	ng		97
46) 2-Chloronaphthalene	10.22	162	226502	45.63	ng		96
47) 2-Nitroaniline	10.35	65	57911	46.98	ng	#	78
48) Acenaphthylene	10.73	152	354559	42.96	ng		100
49) Dimethylphthalate	10.60	163	250319	44.17	ng		98
50) 2,6-Dinitrotoluene	10.67	165	55462	47.22	ng	#	79
51) Acenaphthene	10.94	154	196531	41.53	ng		97
52) 3-Nitroaniline	10.86	138	46558	34.13	ng		82
53) 2,4-Dinitrophenol	11.00	184	40307	92.06	ng	#	86
54) Dibenzofuran	11.16	168	315248	44.92	ng		95
55) 4-Nitrophenol	11.09	139	98933	97.90	ng		96
56) 2,4-Dinitrotoluene	11.16	165	75824	49.50	ng		86
57) Fluorene	11.59	166	249177	42.76	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.32	232	60927	46.40	ng	#	100
59) Diethylphthalate	11.47	149	244897	44.36	ng		96
60) 4-Chlorophenyl-phenylether	11.60	204	116090	43.65	ng	#	88
61) 4-Nitroaniline	11.62	138	59478	43.75	ng		80
62) Azobenzene	11.79	77	232030	43.97	ng		92
64) 4,6-Dinitro-2-methylphenol	11.67	198	29141	41.11	ng	#	73
65) n-Nitrosodiphenylamine	11.75	169	215271	42.35	ng		99
66) 4-Bromophenyl-phenylether	12.20	248	69170	42.46	ng	#	83
67) Hexachlorobenzene	12.26	284	74257	41.48	ng	#	83
68) Atrazine	12.42	200	64050	44.96	ng		91
69) Pentachlorophenol	12.51	266	78433	83.51	ng		97
70) Phenanthrene	12.77	178	384926	43.92	ng		99
71) Anthracene	12.84	178	388787	44.90	ng		100
72) Carbazole	13.05	167	367816	44.66	ng		99
73) Di-n-butylphthalate	13.51	149	387782	41.99	ng		99
74) Fluoranthene	14.25	202	415911	43.03	ng		93
76) Benzidine	14.44	184	171907m	43.07	ng		
77) Pyrene	14.53	202	443852m	43.70	ng		
79) Butylbenzylphthalate	15.39	149	170038	42.46	ng		93
80) Benzo(a)anthracene	16.08	228	412243	43.06	ng		99
81) 3,3'-Dichlorobenzidine	16.05	252	108151	34.24	ng		99
82) Chrysene	16.12	228	394645	45.84	ng		100
83) Bis(2-ethylhexyl)phthalate	16.16	149	247677	40.83	ng		98
84) Di-n-octyl phthalate	17.03	149	412418	39.76	ng		100
85) Indeno(1,2,3-cd)pyrene	19.43	276	446853m	41.59	ng		
87) Benzo(b)fluoranthene	17.49	252	394795	38.32	ng	#	95
88) Benzo(k)fluoranthene	17.53	252	388662	48.29	ng		98
89) Benzo(a)pyrene	17.92	252	387956	45.13	ng		99
90) Dibenzo(a,h)anthracene	19.46	278	355616	41.71	ng		96
91) Benzo(g,h,i)perylene	19.85	276	363175	41.84	ng		99

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

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