Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030817\
Data File : BF093437.D
Acq On : 8 Mar 2017 19:18
Operator : SJ/MA
Sample : PB97449BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB97449BS

Manual Integrations APPROVED
mohammad
3/10/2017 8:11:47 AM

Quant Time: Mar 09 00:08:12 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 07 15:55:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	196907m	20.00	ng		-0.01
21) Naphthalene-d8	8.06	136	810150	20.00	ng		0.00
38) Acenaphthene-d10	9.81	164	403331	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	714495	20.00	ng		0.01
75) Chrysene-d12	13.93	240	640421	20.00	ng		0.01
86) Perylene-d12	15.34	264	507662	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	872366	73.74	ng		0.01
7) Phenol-d6	6.41	99	1017477	68.20	ng		0.00
23) Nitrobenzene-d5	7.34	82	949742	65.04	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	199954	76.09	ng		0.00
44) 2-Fluorobiphenyl	9.13	172	1636116	75.45	ng		0.00
78) Terphenyl-d14	12.87	244	1307761	53.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	175077	26.87	ng	#	85
3) Pyridine	3.03	79	494614	29.77	ng		86
4) n-Nitrosodimethylamine	2.98	42	265390	33.44	ng		85
6) Aniline	6.42	93	457738	22.36	ng		88
8) 2-Chlorophenol	6.55	128	461001	34.78	ng		97
9) Benzaldehyde	6.32	77	77783	6.01	ng		98
10) Phenol	6.42	94	598785	32.75	ng		83
11) bis(2-Chloroethyl)ether	6.50	93	482070	32.63	ng		99
12) 1,3-Dichlorobenzene	6.70	146	492203m	32.44	ng		
13) 1,4-Dichlorobenzene	6.78	146	514065m	33.09	ng		
14) 1,2-Dichlorobenzene	6.93	146	455707	33.13	ng		96
15) Benzyl Alcohol	6.92	79	370293	34.82	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.05	45	805879	32.83	ng		86
17) 2-Methylphenol	7.04	107	379969	33.89	ng		94
18) Hexachloroethane	7.27	117	176866	33.76	ng		96
19) n-Nitroso-di-n-propylamine	7.19	70	373219	36.39	ng		99
20) 3+4-Methylphenols	7.20	107	518612	35.67	ng	#	75
22) Acetophenone	7.19	105	653719	33.53	ng	#	94
24) Nitrobenzene	7.36	77	552347	33.66	ng		90
25) Isophorone	7.60	82	986897	33.52	ng		97
26) 2-Nitrophenol	7.68	139	260903	34.85	ng		90
27) 2,4-Dimethylphenol	7.73	122	455471	37.40	ng		96
28) bis(2-Chloroethoxy)methane	7.81	93	591904	31.84	ng		98
29) 2,4-Dichlorophenol	7.93	162	394205	34.40	ng		95
30) 1,2,4-Trichlorobenzene	8.00	180	410420	33.68	ng		98
31) Naphthalene	8.07	128	1272042	31.33	ng		99
32) Benzoic acid	7.89	122	219019	34.60	ng		99
33) 4-Chloroaniline	8.14	127	295472	17.93	ng		99
34) Hexachlorobutadiene	8.18	225	206713	32.93	ng		99
35) Caprolactam	8.52	113	142390m	36.39	ng		
36) 4-Chloro-3-methylphenol	8.64	107	438283	35.84	ng		87
37) 2-Methylnaphthalene	8.77	142	863413	33.43	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	392305	35.62	ng		100
40) Hexachlorocyclopentadiene	8.92	237	198664	72.77	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	261704	38.03	ng		90
43) 2,4,5-Trichlorophenol	9.11	196	253151	34.29	ng	#	87
45) 1,1'-Biphenyl	9.24	154	1066884	36.31	ng		99
46) 2-Chloronaphthalene	9.26	162	860520	38.26	ng		98
47) 2-Nitroaniline	9.36	65	292188	36.75	ng		86
48) Acenaphthylene	9.67	152	1279689	34.50	ng		99
49) Dimethylphthalate	9.53	163	984176	36.81	ng		98
50) 2,6-Dinitrotoluene	9.61	165	220669	37.61	ng	#	76
51) Acenaphthene	9.84	154	784148	35.75	ng		96
52) 3-Nitroaniline	9.78	138	153616	21.79	ng	#	78
53) 2,4-Dinitrophenol	9.90	184	202718	75.87	ng	#	55
54) Dibenzofuran	10.01	168	1116696	40.68	ng		96
55) 4-Nitrophenol	9.97	139	249985	73.02	ng		93
56) 2,4-Dinitrotoluene	10.01	165	256083	35.53	ng	#	53
57) Fluorene	10.36	166	901692	38.76	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	202530	38.87	ng		98
59) Diethylphthalate	10.23	149	894764	35.01	ng		99
60) 4-Chlorophenyl-phenylether	10.34	204	393008	37.69	ng		90
61) 4-Nitroaniline	10.40	138	255977	35.51	ng		81
62) Azobenzene	10.50	77	1176432	40.51	ng		96
64) 4,6-Dinitro-2-methylphenol	10.44	198	151963	32.83	ng		90
65) n-Nitrosodiphenylamine	10.47	169	800215	33.54	ng		100
66) 4-Bromophenyl-phenylether	10.84	248	242411	32.08	ng	#	87
67) Hexachlorobenzene	10.90	284	240727	33.37	ng		94
68) Atrazine	11.00	200	219198	31.39	ng		100
69) Pentachlorophenol	11.11	266	194014	77.89	ng		98
70) Phenanthrene	11.32	178	1342049	32.91	ng		99
71) Anthracene	11.36	178	1362694	33.03	ng		99
72) Carbazole	11.53	167	1251997	32.30	ng		97
73) Di-n-butylphthalate	11.85	149	1594401	35.56	ng	#	96
74) Fluoranthene	12.51	202	1373091	34.86	ng		95
76) Benzidine	12.63	184	520521	24.72	ng		96
77) Pyrene	12.73	202	1397359	30.00	ng		99
79) Butylbenzylphthalate	13.35	149	675164	34.43	ng	#	78
80) Benzo(a)anthracene	13.92	228	1149761	30.40	ng		100
81) 3,3'-Dichlorobenzidine	13.89	252	310201	23.42	ng	#	95
82) Chrysene	13.96	228	950875	27.17	ng		99
83) Bis(2-ethylhexyl)phthalate	13.90	149	874768	32.01	ng		99
84) Di-n-octyl phthalate	14.52	149	1560851	34.27	ng		98
85) Indeno(1,2,3-cd)pyrene	16.72	276	833324	28.45	ng	#	93
87) Benzo(b)fluoranthene	14.95	252	1155004m	37.36	ng		
88) Benzo(k)fluoranthene	14.97	252	808595m	27.12	ng		
89) Benzo(a)pyrene	15.29	252	930049	32.91	ng		97
90) Dibenzo(a,h)anthracene	16.72	278	708261	30.30	ng		98
91) Benzo(g,h,i)perylene	17.13	276	730193	30.43	ng	#	93

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

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