Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022317\
Data File : BF093132.D
Acq On : 24 Feb 2017 6:02
Operator : SJ/MA
Sample : PB97121BS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB97121BS

Manual Integrations APPROVED
mohammad
2/24/2017 2:11:37 PM

Quant Time: Feb 24 06:43:36 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	156088	20.00	ng		-0.01
21) Naphthalene-d8	8.13	136	587331	20.00	ng		-0.01
38) Acenaphthene-d10	9.88	164	245748	20.00	ng		-0.01
63) Phenanthrene-d10	11.37	188	367943	20.00	ng		-0.01
75) Chrysene-d12	14.01	240	285103	20.00	ng		-0.01
86) Perylene-d12	15.43	264	261312	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	833674	91.63	ng		0.00
7) Phenol-d6	6.49	99	1011724	86.43	ng		0.00
23) Nitrobenzene-d5	7.41	82	845996	80.21	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	142539	80.20	ng		-0.01
44) 2-Fluorobiphenyl	9.21	172	1291551	95.21	ng		-0.01
78) Terphenyl-d14	12.95	244	846813	69.79	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	171183	34.82	ng	#	84
3) Pyridine	3.20	79	443899	35.51	ng		89
4) n-Nitrosodimethylamine	3.15	42	247860	42.23	ng		84
6) Aniline	6.50	93	230652	14.44	ng	#	9
8) 2-Chlorophenol	6.62	128	396633	39.52	ng		91
9) Benzaldehyde	6.38	77	196933	23.48	ng		93
10) Phenol	6.50	94	574636	41.96	ng		80
11) bis(2-Chloroethyl)ether	6.58	93	415878	38.04	ng		93
12) 1,3-Dichlorobenzene	6.78	146	464820	39.54	ng		98
13) 1,4-Dichlorobenzene	6.86	146	469842m	39.49	ng		
14) 1,2-Dichlorobenzene	7.01	146	431946	37.96	ng		99
15) Benzyl Alcohol	6.99	79	315007	36.35	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	723151	38.08	ng		95
17) 2-Methylphenol	7.12	107	346901	40.29	ng		99
18) Hexachloroethane	7.36	117	140032	34.48	ng		100
19) n-Nitroso-di-n-propylamine	7.26	70	284700	38.21	ng		96
20) 3+4-Methylphenols	7.26	107	422659	41.05	ng	#	81
22) Acetophenone	7.26	105	565183	42.15	ng	#	94
24) Nitrobenzene	7.44	77	471470	43.53	ng		96
25) Isophorone	7.68	82	815288	41.48	ng		97
26) 2-Nitrophenol	7.76	139	220869	42.90	ng	#	85
27) 2,4-Dimethylphenol	7.80	122	373789	41.34	ng		91
28) bis(2-Chloroethoxy)methane	7.89	93	525663	40.38	ng		99
29) 2,4-Dichlorophenol	8.00	162	335372	39.77	ng		89
30) 1,2,4-Trichlorobenzene	8.08	180	354563	39.02	ng		96
31) Naphthalene	8.16	128	1148615	38.58	ng		99
32) Benzoic acid	7.93	122	185565	37.98	ng		98
33) 4-Chloroaniline	8.21	127	123143	10.55	ng		95
34) Hexachlorobutadiene	8.27	225	192091	38.42	ng		99
35) Caprolactam	8.59	113	116459	43.91	ng	#	77
36) 4-Chloro-3-methylphenol	8.70	107	361419	41.11	ng		92
37) 2-Methylnaphthalene	8.84	142	704876	36.87	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	337967	48.99	ng		99
40) Hexachlorocyclopentadiene	8.99	237	58374	18.76	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	208816	46.07	ng		92
43) 2,4,5-Trichlorophenol	9.17	196	221021	44.50	ng	#	89
45) 1,1'-Biphenyl	9.31	154	905655	50.89	ng		98
46) 2-Chloronaphthalene	9.33	162	672623	48.32	ng		97
47) 2-Nitroaniline	9.44	65	241793	51.66	ng		90
48) Acenaphthylene	9.74	152	972678	40.45	ng		99
49) Dimethylphthalate	9.61	163	769871	46.51	ng		99
50) 2,6-Dinitrotoluene	9.68	165	169821	47.51	ng	#	90
51) Acenaphthene	9.92	154	588200	40.91	ng		96
52) 3-Nitroaniline	9.85	138	100523	24.57	ng	#	73
53) 2,4-Dinitrophenol	9.96	184	36884	23.82	ng	#	89
54) Dibenzofuran	10.09	168	833734	43.36	ng		97
55) 4-Nitrophenol	10.02	139	219877	74.62	ng		88
56) 2,4-Dinitrotoluene	10.08	165	176972	37.19	ng	#	88
57) Fluorene	10.43	166	646794	43.72	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.21	232	161710	48.81	ng		92
59) Diethylphthalate	10.30	149	730303	46.82	ng		99
60) 4-Chlorophenyl-phenylether	10.42	204	295233	41.54	ng		94
61) 4-Nitroaniline	10.45	138	138004	32.94	ng		93
62) Azobenzene	10.58	77	763680	47.39	ng		97
64) 4,6-Dinitro-2-methylphenol	10.49	198	36184	17.93	ng	#	69
65) n-Nitrosodiphenylamine	10.54	169	590500	50.24	ng		99
66) 4-Bromophenyl-phenylether	10.91	248	175187	45.57	ng		93
67) Hexachlorobenzene	10.98	284	165915	43.68	ng		98
68) Atrazine	11.07	200	181285	48.06	ng		99
69) Pentachlorophenol	11.17	266	147855	75.81	ng		97
70) Phenanthrene	11.39	178	844692	40.07	ng		98
71) Anthracene	11.44	178	835292	39.46	ng		98
72) Carbazole	11.60	167	715741	35.37	ng		99
73) Di-n-butylphthalate	11.93	149	1079169	49.31	ng	#	97
74) Fluoranthene	12.58	202	817784	37.61	ng		92
76) Benzidine	12.71	184	520338	42.83	ng		96
77) Pyrene	12.81	202	819055	38.39	ng		98
79) Butylbenzylphthalate	13.43	149	385068	44.44	ng	#	76
80) Benzo(a)anthracene	14.00	228	717479	41.15	ng		98
81) 3,3'-Dichlorobenzidine	13.95	252	250027	40.22	ng		100
82) Chrysene	14.03	228	694686	42.55	ng		98
83) Bis(2-ethylhexyl)phthalate	13.97	149	528968	44.64	ng	#	99
84) Di-n-octyl phthalate	14.59	149	951843	49.33	ng		99
85) Indeno(1,2,3-cd)pyrene	16.83	276	553740	43.79	ng	#	93
87) Benzo(b)fluoranthene	15.03	252	754254m	43.85	ng		
88) Benzo(k)fluoranthene	15.05	252	555874m	37.43	ng		
89) Benzo(a)pyrene	15.37	252	608137	40.88	ng	#	97
90) Dibenzo(a,h)anthracene	16.84	278	480282	39.94	ng		98
91) Benzo(g,h,i)perylene	17.25	276	450398	37.08	ng	#	91

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

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