Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
Data File : BF093149.D
Acq On : 24 Feb 2017 17:19
Operator : SJ/MA
Sample : PB97158BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB97158BS

Manual Integrations APPROVED
mohammad
2/27/2017 1:07:30 PM

Quant Time: Feb 24 22:17:07 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	6.83	152	135273	20.00	ng		-0.02
21) Naphthalene-d8	8.12	136	528295	20.00	ng		-0.02
38) Acenaphthene-d10	9.88	164	266408	20.00	ng		-0.01
63) Phenanthrene-d10	11.37	188	477359	20.00	ng		-0.01
75) Chrysene-d12	14.01	240	392261	20.00	ng		-0.01
86) Perylene-d12	15.44	264	269692	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1204140	152.72	ng		-0.01
7) Phenol-d6	6.48	99	1445634	142.50	ng		-0.01
23) Nitrobenzene-d5	7.41	82	947453	99.87	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	280678	145.67	ng		-0.01
44) 2-Fluorobiphenyl	9.21	172	1678503	114.14	ng		-0.01
78) Terphenyl-d14	12.95	244	1433963	85.90	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	145788	34.22	ng	#	84
3) Pyridine	3.15	79	396852	36.63	ng		87
4) n-Nitrosodimethylamine	3.10	42	231330	45.48	ng		88
6) Aniline	6.50	93	475914	34.39	ng	#	61
8) 2-Chlorophenol	6.62	128	414356	47.63	ng		90
9) Benzaldehyde	6.37	77	165817	22.81	ng		87
10) Phenol	6.49	94	468199	39.45	ng		96
11) bis(2-Chloroethyl)ether	6.58	93	434307	45.84	ng		95
12) 1,3-Dichlorobenzene	6.77	146	466667	45.80	ng		95
13) 1,4-Dichlorobenzene	6.85	146	478946	46.45	ng		95
14) 1,2-Dichlorobenzene	7.00	146	412541	41.84	ng		97
15) Benzyl Alcohol	6.98	79	344204	45.83	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	715901	43.49	ng		96
17) 2-Methylphenol	7.10	107	383209	51.35	ng		95
18) Hexachloroethane	7.34	117	154729	43.96	ng		93
19) n-Nitroso-di-n-propylamine	7.25	70	290043	44.91	ng		95
20) 3+4-Methylphenols	7.25	107	444206	49.79	ng	#	68
22) Acetophenone	7.25	105	570973	47.34	ng	#	95
24) Nitrobenzene	7.42	77	444280	45.61	ng		99
25) Isophorone	7.66	82	854347	48.33	ng		95
26) 2-Nitrophenol	7.74	139	247375	53.42	ng		92
27) 2,4-Dimethylphenol	7.79	122	431726	53.09	ng		94
28) bis(2-Chloroethoxy)methane	7.88	93	579616	49.51	ng		100
29) 2,4-Dichlorophenol	7.98	162	355974	46.93	ng		87
30) 1,2,4-Trichlorobenzene	8.06	180	364326	44.57	ng		94
31) Naphthalene	8.14	128	1122960	41.93	ng		99
32) Benzoic acid	7.93	122	246682	52.71	ng		98
33) 4-Chloroaniline	8.20	127	272454	25.94	ng		99
34) Hexachlorobutadiene	8.26	225	189209	42.08	ng		99
35) Caprolactam	8.58	113	126782m	53.14	ng		
36) 4-Chloro-3-methylphenol	8.69	107	392520	49.64	ng		99
37) 2-Methylnaphthalene	8.84	142	834967	48.56	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	338326	45.24	ng		99
40) Hexachlorocyclopentadiene	8.99	237	287998	85.36	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	256821	52.26	ng		94
43) 2,4,5-Trichlorophenol	9.16	196	258074	47.93	ng		95
45) 1,1'-Biphenyl	9.30	154	912063	47.28	ng		96
46) 2-Chloronaphthalene	9.33	162	774783	51.34	ng		95
47) 2-Nitroaniline	9.42	65	246131	48.51	ng		92
48) Acenaphthylene	9.74	152	1255008	48.14	ng		99
49) Dimethylphthalate	9.61	163	866557	48.29	ng		98
50) 2,6-Dinitrotoluene	9.68	165	226941	58.56	ng		95
51) Acenaphthene	9.92	154	744618	47.77	ng		97
52) 3-Nitroaniline	9.85	138	138031	31.12	ng	#	71
53) 2,4-Dinitrophenol	9.96	184	225505	112.35	ng		94
54) Dibenzofuran	10.09	168	1063121	51.00	ng		95
55) 4-Nitrophenol	10.02	139	279429	87.48	ng		94
56) 2,4-Dinitrotoluene	10.08	165	238433	46.21	ng	#	84
57) Fluorene	10.43	166	850940	53.06	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.21	232	211859	58.99	ng		94
59) Diethylphthalate	10.30	149	840733	49.72	ng		100
60) 4-Chlorophenyl-phenylether	10.42	204	359342	46.64	ng		90
61) 4-Nitroaniline	10.46	138	249140	54.85	ng		84
62) Azobenzene	10.58	77	991978	56.78	ng		97
64) 4,6-Dinitro-2-methylphenol	10.49	198	148707	51.00	ng	#	45
65) n-Nitrosodiphenylamine	10.54	169	759916	49.83	ng		99
66) 4-Bromophenyl-phenylether	10.91	248	235747	47.27	ng	#	90
67) Hexachlorobenzene	10.98	284	233369	47.35	ng		99
68) Atrazine	11.07	200	212373	43.40	ng		98
69) Pentachlorophenol	11.17	266	231216	89.90	ng		97
70) Phenanthrene	11.39	178	1253947	45.85	ng		98
71) Anthracene	11.44	178	1249564	45.50	ng		99
72) Carbazole	11.60	167	1049457	39.97	ng		99
73) Di-n-butylphthalate	11.93	149	1440197	50.72	ng	#	97
74) Fluoranthene	12.58	202	1309843	46.43	ng		95
76) Benzidine	12.71	184	507453	30.36	ng		96
77) Pyrene	12.81	202	1309044	44.59	ng		98
79) Butylbenzylphthalate	13.43	149	622229	52.20	ng		89
80) Benzo(a)anthracene	14.00	228	1014876	42.30	ng		99
81) 3,3'-Dichlorobenzidine	13.96	252	230184	26.92	ng	#	94
82) Chrysene	14.03	228	915871	40.77	ng		100
83) Bis(2-ethylhexyl)phthalate	13.99	149	784673	48.13	ng	#	95
84) Di-n-octyl phthalate	14.59	149	1274446	48.01	ng		98
85) Indeno(1,2,3-cd)pyrene	16.84	276	718314	41.28	ng	#	94
87) Benzo(b)fluoranthene	15.03	252	847371m	47.74	ng		
88) Benzo(k)fluoranthene	15.05	252	770619m	50.28	ng		
89) Benzo(a)pyrene	15.38	252	761774	49.61	ng		96
90) Dibenzo(a,h)anthracene	16.85	278	594623	47.92	ng		99
91) Benzo(g,h,i)perylene	17.27	276	612980	48.89	ng	#	93

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

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