Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090917\
Data File : BF098378.D
Acq On : 9 Sep 2017 11:43
Operator : SJ/JU
Sample : PB102122BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB102122BS

Manual Integrations APPROVED
Sohil
9/11/2017 2:42:38 PM

Quant Time: Sep 11 04:48:25 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 17:28:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	105031	20.00	ng		-0.03
21) Naphthalene-d8	7.96	136	422571	20.00	ng		-0.02
38) Acenaphthene-d10	9.71	164	196535	20.00	ng		-0.03
63) Phenanthrene-d10	11.19	188	389950	20.00	ng		-0.03
75) Chrysene-d12	13.83	240	255659	20.00	ng		-0.04
86) Perylene-d12	15.23	264	187991	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	813363	117.79	ng		0.00
7) Phenol-d6	6.35	99	1088825	116.05	ng		0.00
23) Nitrobenzene-d5	7.25	82	695249	89.38	ng		-0.02
41) 2,4,6-Tribromophenol	10.51	330	243947	143.06	ng		-0.02
44) 2-Fluorobiphenyl	9.04	172	1119362	83.68	ng		-0.03
78) Terphenyl-d14	12.78	244	971803	79.27	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	123015	31.945	ng	#	86
3) Pyridine	3.08	79	359190	33.740	ng	#	82
4) n-Nitrosodimethylamine	3.03	42	128540	31.380	ng	#	66
6) Aniline	6.35	93	251329	19.069	ng	#	42
8) 2-Chlorophenol	6.47	128	288258	39.584	ng		97
9) Benzaldehyde	6.22	77	64179	10.800	ng		91
10) Phenol	6.36	94	396485	36.134	ng		92
11) bis(2-Chloroethyl)ether	6.42	93	329484	39.784	ng		93
12) 1,3-Dichlorobenzene	6.62	146	298507m	38.109	ng		
13) 1,4-Dichlorobenzene	6.70	146	298072	37.416	ng		96
14) 1,2-Dichlorobenzene	6.85	146	271595	36.974	ng		97
15) Benzyl Alcohol	6.83	79	245855	35.001	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.96	45	366536	32.894	ng	#	1
17) 2-Methylphenol	6.96	107	256377	39.951	ng	#	86
18) Hexachloroethane	7.19	117	117405	37.589	ng	#	84
19) n-Nitroso-di-n-propylamine	7.10	70	235390	36.651	ng	#	87
20) 3+4-Methylphenols	7.12	107	345926	44.134	ng	#	64
22) Acetophenone	7.09	105	435846	39.043	ng	#	83
24) Nitrobenzene	7.27	77	347683	40.143	ng		97
25) Isophorone	7.51	82	645645	39.917	ng		99
26) 2-Nitrophenol	7.58	139	156692	49.724	ng	#	83
27) 2,4-Dimethylphenol	7.63	122	270583	40.112	ng		93
28) bis(2-Chloroethoxy)methane	7.72	93	415390	39.063	ng		99
29) 2,4-Dichlorophenol	7.83	162	240727	42.990	ng		94
30) 1,2,4-Trichlorobenzene	7.90	180	245005	39.469	ng		99
31) Naphthalene	7.98	128	847522	38.633	ng		100
32) Benzoic acid	7.80	122	171735	36.684	ng		90
33) 4-Chloroaniline	8.04	127	164778	17.810	ng		97
34) Hexachlorobutadiene	8.10	225	140194	38.681	ng		98
35) Caprolactam	8.45	113	88679m	46.584	ng		
36) 4-Chloro-3-methylphenol	8.55	107	289223	40.201	ng		84
37) 2-Methylnaphthalene	8.67	142	562732	41.839	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.84	216	232527	38.551	ng		97
40) Hexachlorocyclopentadiene	8.82	237	218333	75.349	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	162858	40.217	ng		98
43) 2,4,5-Trichlorophenol	9.01	196	172106	42.841	ng		98
45) 1,1'-Biphenyl	9.14	154	667265	37.231	ng		96
46) 2-Chloronaphthalene	9.16	162	492115	37.162	ng	#	92
47) 2-Nitroaniline	9.27	65	184056	41.460	ng		94
48) Acenaphthylene	9.57	152	810551	38.978	ng		99
49) Dimethylphthalate	9.45	163	610970	42.528	ng		99
50) 2,6-Dinitrotoluene	9.51	165	131921	46.004	ng	#	76
51) Acenaphthene	9.75	154	479217	36.539	ng		100
52) 3-Nitroaniline	9.68	138	118619	32.061	ng		98
53) 2,4-Dinitrophenol	9.79	184	100871	74.715	ng	#	73
54) Dibenzofuran	9.92	168	701603	39.915	ng		97
55) 4-Nitrophenol	9.87	139	191517	64.891	ng	#	58
56) 2,4-Dinitrotoluene	9.92	165	161572	44.897	ng	#	57
57) Fluorene	10.26	166	550405	40.501	ng		95
58) 2,3,4,6-Tetrachlorophenol	10.05	232	142404	45.784	ng		89
59) Diethylphthalate	10.15	149	637384	42.426	ng		98
60) 4-Chlorophenyl-phenylether	10.25	204	257917	40.852	ng		88
61) 4-Nitroaniline	10.30	138	146800	41.747	ng		81
62) Azobenzene	10.42	77	704422	39.474	ng		93
64) 4,6-Dinitro-2-methylphenol	10.33	198	80109	44.359	ng	#	76
65) n-Nitrosodiphenylamine	10.37	169	510651	38.456	ng		99
66) 4-Bromophenyl-phenylether	10.74	248	163862	40.466	ng		97
67) Hexachlorobenzene	10.81	284	160330	38.845	ng		93
68) Atrazine	10.92	200	151786	43.102	ng		97
69) Pentachlorophenol	11.01	266	154209	64.080	ng		98
70) Phenanthrene	11.22	178	806260	38.801	ng		99
71) Anthracene	11.27	178	828968	39.333	ng		99
72) Carbazole	11.43	167	769849	38.482	ng		97
73) Di-n-butylphthalate	11.76	149	1001281	43.452	ng		99
74) Fluoranthene	12.40	202	845915	39.002	ng		98
76) Benzidine	12.53	184	222076	26.493	ng	#	92
77) Pyrene	12.63	202	850796	40.689	ng		98
79) Butylbenzylphthalate	13.25	149	396775	49.492	ng	#	73
80) Benzo(a)anthracene	13.82	228	576935	37.652	ng		99
81) 3,3'-Dichlorobenzidine	13.78	252	179746	34.764	ng	#	97
82) Chrysene	13.86	228	573138	37.601	ng		99
83) Bis(2-ethylhexyl)phthalate	13.81	149	549005	61.799	ng	#	99
84) Di-n-octyl phthalate	14.42	149	871439	56.378	ng	#	97
85) Indeno(1,2,3-cd)pyrene	16.59	276	494803	44.128	ng		96
87) Benzo(b)fluoranthene	14.83	252	468382	39.527	ng		99
88) Benzo(k)fluoranthene	14.86	252	457819	41.123	ng	#	93
89) Benzo(a)pyrene	15.17	252	441446	42.082	ng		99
90) Dibenzo(a,h)anthracene	16.59	278	408169	47.794	ng		99
91) Benzo(g,h,i)perylene	16.99	276	425822	47.786	ng		95

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

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