Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110617\
Data File : BF100261.D
Acq On : 6 Nov 2017 20:00
Operator : SJ/JU
Sample : PB104022BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB104022BS

Manual Integrations APPROVED
Sohil
11/7/2017 5:39:53 PM

Quant Time: Nov 07 10:48:07 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 06 13:31:35 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	87931	20.00	ng		0.00
21) Naphthalene-d8	8.04	136	373817	20.00	ng		0.00
38) Acenaphthene-d10	9.79	164	175013	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	313140	20.00	ng		0.00
75) Chrysene-d12	13.94	240	173950	20.00	ng		0.00
86) Perylene-d12	15.41	264	152348	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	594660	106.17	ng		0.01
7) Phenol-d6	6.42	99	667054	100.44	ng		0.00
23) Nitrobenzene-d5	7.33	82	379411	65.34	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	158728	99.52	ng		0.00
44) 2-Fluorobiphenyl	9.12	172	812900	71.66	ng		0.00
78) Terphenyl-d14	12.87	244	697914	87.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	71569	28.937	ng	#	87
3) Pyridine	3.33	79	129579	21.786	ng	#	85
4) n-Nitrosodimethylamine	3.27	42	58979	27.757	ng	#	66
6) Aniline	6.44	93	166328	19.316	ng	#	82
8) 2-Chlorophenol	6.55	128	217274	36.399	ng		91
9) Benzaldehyde	6.33	77	118181	29.780	ng		89
10) Phenol	6.43	94	242433	33.249	ng		97
11) bis(2-Chloroethyl)ether	6.50	93	185654	32.972	ng		94
12) 1,3-Dichlorobenzene	6.70	146	230356m	34.369	ng		
13) 1,4-Dichlorobenzene	6.77	146	241321	35.476	ng		97
14) 1,2-Dichlorobenzene	6.93	146	216869	34.981	ng		96
15) Benzyl Alcohol	6.92	79	154733	36.637	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.03	45	234441	37.482	ng		67
17) 2-Methylphenol	7.03	107	172340	34.515	ng	#	92
18) Hexachloroethane	7.25	117	77189	34.012	ng		96
19) n-Nitroso-di-n-propylamine	7.17	70	132723	34.103	ng		91
20) 3+4-Methylphenols	7.20	107	233463	40.156	ng		96
22) Acetophenone	7.18	105	281498	33.073	ng	#	91
24) Nitrobenzene	7.35	77	198465	33.923	ng		90
25) Isophorone	7.59	82	369053	35.028	ng		97
26) 2-Nitrophenol	7.67	139	120987	36.106	ng		87
27) 2,4-Dimethylphenol	7.71	122	196126	39.724	ng		93
28) bis(2-Chloroethoxy)methane	7.79	93	247748	33.575	ng		99
29) 2,4-Dichlorophenol	7.93	162	191417	37.322	ng		95
30) 1,2,4-Trichlorobenzene	7.99	180	185739	33.894	ng		97
31) Naphthalene	8.06	128	620892	34.409	ng		100
32) Benzoic acid	7.88	122	72964	16.790	ng		87
33) 4-Chloroaniline	8.14	127	84513	11.342	ng	#	92
34) Hexachlorobutadiene	8.16	225	94354	33.474	ng		98
35) Caprolactam	8.50	113	57079m	35.389	ng		
36) 4-Chloro-3-methylphenol	8.63	107	186778	35.679	ng		88
37) 2-Methylnaphthalene	8.75	142	433306	35.833	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	180830	31.991	ng	#	97
40) Hexachlorocyclopentadiene	8.89	237	20337	29.061	ng		96

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	118342	34.612	ng		98
43) 2,4,5-Trichlorophenol	9.10	196	111446	30.716	ng	#	94
45) 1,1'-Biphenyl	9.22	154	508292	32.104	ng		98
46) 2-Chloronaphthalene	9.25	162	405030	35.226	ng		95
47) 2-Nitroaniline	9.36	65	102124	33.841	ng	#	76
48) Acenaphthylene	9.66	152	603330	34.068	ng		100
49) Dimethylphthalate	9.52	163	457146	32.984	ng		100
50) 2,6-Dinitrotoluene	9.60	165	101280	34.761	ng	#	89
51) Acenaphthene	9.83	154	362247	33.477	ng		99
52) 3-Nitroaniline	9.78	138	67088	19.542	ng		90
53) 2,4-Dinitrophenol	9.92	184	45901	42.789	ng	#	82
54) Dibenzofuran	10.00	168	553105	36.211	ng		100
55) 4-Nitrophenol	9.98	139	43315m	24.147	ng		
56) 2,4-Dinitrotoluene	10.02	165	142320	40.561	ng		88
57) Fluorene	10.35	166	441600	34.918	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	95987	37.732	ng	#	87
59) Diethylphthalate	10.22	149	440588	32.553	ng		97
60) 4-Chlorophenyl-phenylether	10.33	204	203236	34.146	ng		89
61) 4-Nitroaniline	10.40	138	105310	32.152	ng		81
62) Azobenzene	10.49	77	379041	33.409	ng		91
64) 4,6-Dinitro-2-methylphenol	10.44	198	44670	22.693	ng	#	75
65) n-Nitrosodiphenylamine	10.46	169	388531	33.612	ng		98
66) 4-Bromophenyl-phenylether	10.82	248	117563	35.662	ng		90
67) Hexachlorobenzene	10.90	284	116993	34.689	ng	#	91
68) Atrazine	10.99	200	115806	33.352	ng		99
69) Pentachlorophenol	11.11	266	57654	40.006	ng		98
70) Phenanthrene	11.32	178	612780	34.675	ng		98
71) Anthracene	11.37	178	639545	35.653	ng		99
72) Carbazole	11.53	167	589266	34.933	ng		99
73) Di-n-butylphthalate	11.83	149	711463	33.067	ng		99
74) Fluoranthene	12.51	202	601214	32.737	ng		97
76) Benzidine	12.63	184	219080	28.783	ng		99
77) Pyrene	12.74	202	592321	44.781	ng		99
79) Butylbenzylphthalate	13.33	149	264373	40.589	ng		91
80) Benzo(a)anthracene	13.93	228	376176	34.113	ng		98
81) 3,3'-Dichlorobenzidine	13.89	252	79939	19.971	ng		98
82) Chrysene	13.97	228	365458	35.252	ng		98
83) Bis(2-ethylhexyl)phthalate	13.89	149	331775	36.272	ng		99
84) Di-n-octyl phthalate	14.50	149	457420	29.136	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.87	276	363567	38.201	ng		97
87) Benzo(b)fluoranthene	14.98	252	300330	31.219	ng		99
88) Benzo(k)fluoranthene	15.00	252	318770	35.140	ng		99
89) Benzo(a)pyrene	15.34	252	311955	36.100	ng		98
90) Dibenzo(a,h)anthracene	16.86	278	304990	39.720	ng		97
91) Benzo(g,h,i)perylene	17.32	276	308544	41.072	ng		96

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

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