Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091517\
Data File : BF098574.D
Acq On : 15 Sep 2017 17:42
Operator : SJ/JU
Sample : PB102329BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB102329BS

Manual Integrations APPROVED
Sohil
9/18/2017 3:33:44 PM

Quant Time: Sep 16 02:36:20 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:14:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	138510	20.00	ng		-0.02
21) Naphthalene-d8	7.93	136	580501	20.00	ng		-0.02
38) Acenaphthene-d10	9.68	164	272385	20.00	ng		-0.02
63) Phenanthrene-d10	11.17	188	519092	20.00	ng		-0.02
75) Chrysene-d12	13.80	240	390874	20.00	ng		-0.01
86) Perylene-d12	15.20	264	305697	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	1043647	111.40	ng		0.00
7) Phenol-d6	6.31	99	1258697	105.82	ng		-0.01
23) Nitrobenzene-d5	7.22	82	773961	74.33	ng		-0.02
41) 2,4,6-Tribromophenol	10.48	330	265033	145.79	ng		-0.01
44) 2-Fluorobiphenyl	9.01	172	1399049	87.06	ng		-0.02
78) Terphenyl-d14	12.75	244	1300805	71.83	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	130576	27.005	ng		90
3) Pyridine	3.03	79	375268	29.225	ng		87
4) n-Nitrosodimethylamine	2.99	42	182155	28.935	ng	#	92
6) Aniline	6.31	93	219211	14.690	ng	#	7
8) 2-Chlorophenol	6.44	128	366758	35.603	ng		99
9) Benzaldehyde	6.19	77	179149	23.040	ng		95
10) Phenol	6.32	94	460432	33.327	ng		98
11) bis(2-Chloroethyl)ether	6.39	93	339967	32.638	ng		93
12) 1,3-Dichlorobenzene	6.58	146	375522	36.217	ng		96
13) 1,4-Dichlorobenzene	6.66	146	380191	35.798	ng		97
14) 1,2-Dichlorobenzene	6.82	146	353796	36.564	ng		98
15) Benzyl Alcohol	6.80	79	308941	39.027	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.93	45	514914	30.044	ng	#	29
17) 2-Methylphenol	6.92	107	303739	36.159	ng	#	87
18) Hexachloroethane	7.15	117	141721	34.844	ng	#	86
19) n-Nitroso-di-n-propylamine	7.07	70	256353	34.264	ng		97
20) 3+4-Methylphenols	7.08	107	407046	38.399	ng	#	64
22) Acetophenone	7.06	105	515964	34.390	ng	#	90
24) Nitrobenzene	7.23	77	380452	32.077	ng		97
25) Isophorone	7.47	82	678297	32.196	ng		99
26) 2-Nitrophenol	7.55	139	197034	41.144	ng	#	84
27) 2,4-Dimethylphenol	7.60	122	323980	35.489	ng		96
28) bis(2-Chloroethoxy)methane	7.69	93	435796	33.901	ng		99
29) 2,4-Dichlorophenol	7.80	162	303553	39.981	ng		97
30) 1,2,4-Trichlorobenzene	7.87	180	320344	38.787	ng		99
31) Naphthalene	7.95	128	1059317	36.913	ng		99
32) Benzoic acid	7.77	122	224423	38.532	ng		97
33) 4-Chloroaniline	8.01	127	114169	9.789	ng		97
34) Hexachlorobutadiene	8.06	225	167147	39.422	ng		97
35) Caprolactam	8.40	113	98903m	37.776	ng		
36) 4-Chloro-3-methylphenol	8.52	107	338038	35.901	ng		85
37) 2-Methylnaphthalene	8.65	142	691838	39.800	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	298454	35.175	ng		99
40) Hexachlorocyclopentadiene	8.79	237	166723	68.685	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.93	196	198753	39.881	ng		94
43) 2,4,5-Trichlorophenol	8.98	196	211210	40.547	ng		93
45) 1,1'-Biphenyl	9.11	154	841735	34.526	ng		98
46) 2-Chloronaphthalene	9.13	162	639021	36.701	ng		93
47) 2-Nitroaniline	9.24	65	226596	33.907	ng		96
48) Acenaphthylene	9.55	152	941423	36.364	ng		99
49) Dimethylphthalate	9.42	163	758259	35.962	ng		99
50) 2,6-Dinitrotoluene	9.49	165	166163	38.365	ng		94
51) Acenaphthene	9.72	154	599535	36.432	ng		98
52) 3-Nitroaniline	9.65	138	94335	18.044	ng		99
53) 2,4-Dinitrophenol	9.77	184	149380	73.714	ng	#	73
54) Dibenzofuran	9.89	168	861139	39.721	ng		99
55) 4-Nitrophenol	9.85	139	200016	66.589	ng	#	55
56) 2,4-Dinitrotoluene	9.89	165	213711	40.587	ng	#	58
57) Fluorene	10.23	166	678824	37.829	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.02	232	161552	46.148	ng		92
59) Diethylphthalate	10.12	149	731228	36.466	ng		98
60) 4-Chlorophenyl-phenylether	10.22	204	324653	39.170	ng		93
61) 4-Nitroaniline	10.27	138	184366	34.918	ng		86
62) Azobenzene	10.39	77	727693	33.671	ng		97
64) 4,6-Dinitro-2-methylphenol	10.30	198	117581	38.075	ng		79
65) n-Nitrosodiphenylamine	10.35	169	613314	36.387	ng		100
66) 4-Bromophenyl-phenylether	10.71	248	193063	39.187	ng		98
67) Hexachlorobenzene	10.78	284	190484	38.118	ng	#	87
68) Atrazine	10.88	200	201025	38.740	ng		97
69) Pentachlorophenol	10.99	266	151099	69.320	ng		96
70) Phenanthrene	11.19	178	1030209	37.437	ng		99
71) Anthracene	11.24	178	1070774	37.899	ng		99
72) Carbazole	11.40	167	942606	35.798	ng		99
73) Di-n-butylphthalate	11.73	149	1132659	35.902	ng		99
74) Fluoranthene	12.38	202	1065950	38.694	ng		99
76) Benzidine	12.50	184	397918	23.003	ng	#	93
77) Pyrene	12.61	202	1109006	35.966	ng		99
79) Butylbenzylphthalate	13.23	149	489862	36.620	ng	#	83
80) Benzo(a)anthracene	13.80	228	870662	37.993	ng		99
81) 3,3'-Dichlorobenzidine	13.76	252	206768	23.217	ng	#	95
82) Chrysene	13.83	228	834387	36.020	ng		98
83) Bis(2-ethylhexyl)phthalate	13.79	149	640383	38.144	ng	#	99
84) Di-n-octyl phthalate	14.40	149	1074658	37.309	ng		100
85) Indeno(1,2,3-cd)pyrene	16.55	276	590927	36.360	ng		96
87) Benzo(b)fluoranthene	14.82	252	765417	39.821	ng		97
88) Benzo(k)fluoranthene	14.84	252	654253	36.460	ng	#	95
89) Benzo(a)pyrene	15.15	252	656370	38.330	ng		99
90) Dibenzo(a,h)anthracene	16.56	278	489304	39.280	ng		100
91) Benzo(g,h,i)perylene	16.95	276	497332	39.694	ng		93

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

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