Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122117\
Data File : BF101599.D
Acq On : 21 Dec 2017 11:46
Operator : SJ/JU
Sample : PB105170BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 21 13:34:49 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 20 14:25:04 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB105170BS

Manual Integrations APPROVED
Sohil
12/22/2017 12:41:38 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	142720	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	584109	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	264952	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	496651	20.00	ng		0.00
75) Chrysene-d12	13.97	240	270267	20.00	ng		0.00
86) Perylene-d12	15.43	264	268350	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1138769	118.85	ng		0.02
7) Phenol-d6	6.45	99	1331821	111.69	ng		0.00
23) Nitrobenzene-d5	7.37	82	891722	84.98	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	303274	118.79	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1437419	84.16	ng		0.00
78) Terphenyl-d14	12.90	244	1274797	113.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	183201	37.212	ng		95
3) Pyridine	3.37	79	486682	35.580	ng		98
4) n-Nitrosodimethylamine	3.32	42	246349	39.116	ng		96
6) Aniline	6.47	93	191628	11.564	ng	#	65
8) 2-Chlorophenol	6.59	128	388969	38.593	ng		96
9) Benzaldehyde	6.35	77	234049	26.577	ng		95
10) Phenol	6.46	94	493208	36.290	ng		95
11) bis(2-Chloroethyl)ether	6.53	93	411927	38.640	ng		93
12) 1,3-Dichlorobenzene	6.73	146	435220	38.260	ng		98
13) 1,4-Dichlorobenzene	6.81	146	440760	37.944	ng		99
14) 1,2-Dichlorobenzene	6.96	146	393019	37.588	ng		98
15) Benzyl Alcohol	6.95	79	293807	35.798	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	667612	40.919	ng		59
17) 2-Methylphenol	7.06	107	326850	35.255	ng	#	87
18) Hexachloroethane	7.30	117	159695	39.542	ng		98
19) n-Nitroso-di-n-propylamine	7.22	70	284947	36.388	ng		95
20) 3+4-Methylphenols	7.22	107	430336	43.803	ng	#	82
22) Acetophenone	7.21	105	558171	41.880	ng	#	94
24) Nitrobenzene	7.39	77	447794	38.559	ng		96
25) Isophorone	7.62	82	831136	39.484	ng		97
26) 2-Nitrophenol	7.70	139	222243	44.544	ng		98
27) 2,4-Dimethylphenol	7.74	122	356407	42.049	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	517460	38.699	ng		99
29) 2,4-Dichlorophenol	7.95	162	342205	40.865	ng		99
30) 1,2,4-Trichlorobenzene	8.02	180	340165	38.493	ng		95
31) Naphthalene	8.10	128	1111170	37.787	ng		100
32) Benzoic acid	7.87	122	53380	15.757	ng		89
33) 4-Chloroaniline	8.16	127	67987	5.319	ng		95
34) Hexachlorobutadiene	8.20	225	196062	38.360	ng		98
35) Caprolactam	8.55	113	110819m	38.112	ng		
36) 4-Chloro-3-methylphenol	8.66	107	358034	38.900	ng		98
37) 2-Methylnaphthalene	8.79	142	741128	38.684	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	354861	39.669	ng		98
40) Hexachlorocyclopentadiene	8.93	237	111914	65.128	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	221391	41.109	ng		100
43) 2,4,5-Trichlorophenol	9.13	196	223288	37.867	ng		99
45) 1,1'-Biphenyl	9.26	154	897245	38.185	ng		99
46) 2-Chloronaphthalene	9.29	162	677970	37.709	ng		97
47) 2-Nitroaniline	9.39	65	250514	40.334	ng		90
48) Acenaphthylene	9.70	152	997966	35.143	ng		99
49) Dimethylphthalate	9.56	163	754215	35.390	ng		100
50) 2,6-Dinitrotoluene	9.63	165	170898	39.455	ng		93
51) Acenaphthene	9.87	154	610955	35.810	ng		99
52) 3-Nitroaniline	9.80	138	93591	17.331	ng		97
53) 2,4-Dinitrophenol	9.94	184	36101	31.163	ng	#	21
54) Dibenzofuran	10.04	168	854811	39.425	ng		97
55) 4-Nitrophenol	9.99	139	166656	70.774	ng	#	86
56) 2,4-Dinitrotoluene	10.05	165	207851	42.591	ng	#	83
57) Fluorene	10.39	166	701791	38.262	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	173062	40.850	ng		89
59) Diethylphthalate	10.26	149	782806	37.092	ng		97
60) 4-Chlorophenyl-phenylether	10.37	204	343777	39.108	ng		95
61) 4-Nitroaniline	10.43	138	169777	31.278	ng		98
62) Azobenzene	10.53	77	813208	37.196	ng		96
64) 4,6-Dinitro-2-methylphenol	10.46	198	53760	21.212	ng		95
65) n-Nitrosodiphenylamine	10.50	169	658678	35.918	ng		96
66) 4-Bromophenyl-phenylether	10.86	248	216890	38.866	ng	#	87
67) Hexachlorobenzene	10.94	284	223498	37.841	ng	#	86
68) Atrazine	11.03	200	209863	38.379	ng		96
69) Pentachlorophenol	11.14	266	128384	57.872	ng		99
70) Phenanthrene	11.35	178	999288	36.181	ng		99
71) Anthracene	11.40	178	1030180	36.515	ng		99
72) Carbazole	11.56	167	888769	33.647	ng		99
73) Di-n-butylphthalate	11.87	149	1188823	37.081	ng		99
74) Fluoranthene	12.54	202	984777	33.969	ng		99
76) Benzidine	12.66	184	124541	10.911	ng		97
77) Pyrene	12.77	202	974759	48.057	ng		99
79) Butylbenzylphthalate	13.37	149	407009	44.347	ng		97
80) Benzo(a)anthracene	13.96	228	685446	38.409	ng		100
81) 3,3'-Dichlorobenzidine	13.92	252	140956	24.223	ng		99
82) Chrysene	14.00	228	638015	37.864	ng		99
83) Bis(2-ethylhexyl)phthalate	13.92	149	502794	43.252	ng	#	97
84) Di-n-octyl phthalate	14.53	149	748266	36.093	ng		97
85) Indeno(1,2,3-cd)pyrene	16.92	276	791733	52.765	ng		96
87) Benzo(b)fluoranthene	15.01	252	590220	36.085	ng		98
88) Benzo(k)fluoranthene	15.03	252	567489	35.684	ng		98
89) Benzo(a)pyrene	15.37	252	594897	39.454	ng		99
90) Dibenzo(a,h)anthracene	16.92	278	652472	50.399	ng		98
91) Benzo(g,h,i)perylene	17.36	276	712625	55.590	ng		95

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

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