Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
Data File : BF101721.D
Acq On : 26 Dec 2017 18:52
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Dec 27 04:54:29 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 26 10:48:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	120463	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	479323	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	211938	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	392317	20.00	ng		0.00
75) Chrysene-d12	13.97	240	281042	20.00	ng		0.00
86) Perylene-d12	15.43	264	248110	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	670447	82.90	ng		0.00
7) Phenol-d6	6.43	99	747117	74.23	ng		0.00
23) Nitrobenzene-d5	7.36	82	665585	77.30	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	171177	83.82	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1135188	83.09	ng		0.00
78) Terphenyl-d14	12.90	244	994911	85.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	155191	37.347	ng		96
3) Pyridine	3.25	79	396455	34.339	ng		97
4) n-Nitrosodimethylamine	3.22	42	182207	34.276	ng	#	99
6) Aniline	6.46	93	520327	37.202	ng	#	87
8) 2-Chlorophenol	6.58	128	334051	39.268	ng		99
9) Benzaldehyde	6.35	77	253492	34.104	ng		99
10) Phenol	6.45	94	433078	37.753	ng		97
11) bis(2-Chloroethyl)ether	6.53	93	336428	37.389	ng		97
12) 1,3-Dichlorobenzene	6.73	146	373320	38.882	ng		99
13) 1,4-Dichlorobenzene	6.80	146	390048	39.782	ng		97
14) 1,2-Dichlorobenzene	6.96	146	348108	39.444	ng		99
15) Benzyl Alcohol	6.95	79	260374	37.585	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	516928	37.537	ng		63
17) 2-Methylphenol	7.05	107	284757	36.389	ng	#	94
18) Hexachloroethane	7.29	117	132331	38.820	ng		94
19) n-Nitroso-di-n-propylamine	7.20	70	245627	37.162	ng		95
20) 3+4-Methylphenols	7.21	107	357040	43.057	ng	#	49
22) Acetophenone	7.21	105	442947	40.500	ng	#	92
24) Nitrobenzene	7.38	77	366832	38.493	ng		99
25) Isophorone	7.62	82	624651	36.162	ng		98
26) 2-Nitrophenol	7.70	139	177949	43.463	ng		95
27) 2,4-Dimethylphenol	7.73	122	268410	38.589	ng		96
28) bis(2-Chloroethoxy)methane	7.82	93	415796	37.894	ng		98
29) 2,4-Dichlorophenol	7.95	162	280371	40.801	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	285295	39.341	ng		96
31) Naphthalene	8.09	128	933027	38.665	ng		99
32) Benzoic acid	7.89	122	164572	37.252	ng		96
33) 4-Chloroaniline	8.15	127	408064	38.907	ng		98
34) Hexachlorobutadiene	8.20	225	170527	40.658	ng		98
35) Caprolactam	8.53	113	85106	35.668	ng	#	89
36) 4-Chloro-3-methylphenol	8.64	107	290338	38.441	ng		99
37) 2-Methylnaphthalene	8.78	142	603815	38.406	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	293359	40.997	ng		97
40) Hexachlorocyclopentadiene	8.93	237	48327	45.327	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	175820	40.814	ng		100
43) 2,4,5-Trichlorophenol	9.13	196	173911	36.870	ng		94
45) 1,1'-Biphenyl	9.25	154	748258	39.810	ng		99
46) 2-Chloronaphthalene	9.27	162	560583	38.979	ng		98
47) 2-Nitroaniline	9.39	65	199129	40.081	ng		93
48) Acenaphthylene	9.69	152	868462	38.232	ng		100
49) Dimethylphthalate	9.55	163	626911	36.774	ng		100
50) 2,6-Dinitrotoluene	9.63	165	139106	40.149	ng		94
51) Acenaphthene	9.86	154	527408	38.645	ng		99
52) 3-Nitroaniline	9.80	138	173322	40.123	ng		95
53) 2,4-Dinitrophenol	9.94	184	59027	52.924	ng	#	19
54) Dibenzofuran	10.03	168	741508	42.754	ng		98
55) 4-Nitrophenol	9.99	139	66625	35.371	ng		92
56) 2,4-Dinitrotoluene	10.04	165	179328	45.938	ng	#	86
57) Fluorene	10.37	166	605090	41.242	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	138830	40.967	ng	#	88
59) Diethylphthalate	10.25	149	653591	38.716	ng		97
60) 4-Chlorophenyl-phenylether	10.36	204	299949	42.657	ng		92
61) 4-Nitroaniline	10.42	138	158822	36.578	ng		96
62) Azobenzene	10.53	77	648197	37.065	ng		94
64) 4,6-Dinitro-2-methylphenol	10.46	198	84800	42.357	ng		82
65) n-Nitrosodiphenylamine	10.49	169	569372	39.305	ng		95
66) 4-Bromophenyl-phenylether	10.85	248	181118	41.087	ng		91
67) Hexachlorobenzene	10.93	284	191388	41.022	ng	#	91
68) Atrazine	11.02	200	167998	38.894	ng		96
69) Pentachlorophenol	11.14	266	69632	41.791	ng		98
70) Phenanthrene	11.34	178	848014	38.869	ng		99
71) Anthracene	11.39	178	879591	39.469	ng		99
72) Carbazole	11.56	167	811949	38.914	ng		99
73) Di-n-butylphthalate	11.86	149	1018158	40.204	ng		100
74) Fluoranthene	12.53	202	882832	38.551	ng		99
76) Benzidine	12.66	184	399204	33.632	ng		100
77) Pyrene	12.76	202	899416	42.642	ng		100
79) Butylbenzylphthalate	13.36	149	397880	41.690	ng		98
80) Benzo(a)anthracene	13.96	228	708217	38.163	ng		100
81) 3,3'-Dichlorobenzidine	13.92	252	230300	38.060	ng	#	96
82) Chrysene	13.99	228	688052	39.268	ng		100
83) Bis(2-ethylhexyl)phthalate	13.92	149	509644	42.160	ng		98
84) Di-n-octyl phthalate	14.53	149	856846	39.746	ng		98
85) Indeno(1,2,3-cd)pyrene	16.91	276	595975	38.196	ng		96
87) Benzo(b)fluoranthene	15.00	252	605793	40.058	ng		99
88) Benzo(k)fluoranthene	15.03	252	570960	38.831	ng		98
89) Benzo(a)pyrene	15.37	252	546453	39.197	ng		100
90) Dibenzo(a,h)anthracene	16.91	278	500781	41.838	ng		97
91) Benzo(g,h,i)perylene	17.36	276	509372	42.976	ng		95

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

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