Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100118\
Data File : BF109472.D
Acq On : 1 Oct 2018 15:08
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Oct 01 15:45:57 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	117315	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	487730	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	245505	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	487243	20.00	ng		0.00
75) Chrysene-d12	13.85	240	358612	20.00	ng		0.00
86) Perylene-d12	15.24	264	317575	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	614880	86.33	ng		0.00
7) Phenol-d6	6.36	99	764786	84.15	ng		0.00
23) Nitrobenzene-d5	7.27	82	744756	90.14	ng		0.00
41) 2,4,6-Tribromophenol	10.53	330	228596	94.45	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1373018	84.35	ng		0.00
78) Terphenyl-d14	12.80	244	1205773	82.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	129372	39.439	ng		92
3) Pyridine	3.09	79	353613	41.883	ng		89
4) n-Nitrosodimethylamine	3.03	42	138433	38.528	ng	#	99
6) Aniline	6.37	93	476373	40.967	ng	#	54
8) 2-Chlorophenol	6.50	128	344999	43.557	ng		95
9) Benzaldehyde	6.25	77	223676	38.310	ng		98
10) Phenol	6.37	94	425472	41.337	ng	#	51
11) bis(2-Chloroethyl)ether	6.45	93	344790	42.810	ng		97
12) 1,3-Dichlorobenzene	6.65	146	386526	42.385	ng		97
13) 1,4-Dichlorobenzene	6.72	146	389593	42.405	ng		100
14) 1,2-Dichlorobenzene	6.88	146	359176	42.380	ng		98
15) Benzyl Alcohol	6.86	79	294293	42.302	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.99	45	461959	40.438	ng		88
17) 2-Methylphenol	6.97	107	271087	42.299	ng	#	93
18) Hexachloroethane	7.22	117	145095	44.826	ng		96
19) n-Nitroso-di-n-propylamine	7.13	70	257011	43.156	ng		98
20) 3+4-Methylphenols	7.13	107	337374	43.602	ng	#	78
22) Acetophenone	7.12	105	470111	41.690	ng		96
24) Nitrobenzene	7.29	77	379858	43.240	ng		97
25) Isophorone	7.53	82	637998	42.882	ng		97
26) 2-Nitrophenol	7.61	139	186198	53.595	ng		96
27) 2,4-Dimethylphenol	7.66	122	277282	42.772	ng		98
28) bis(2-Chloroethoxy)methane	7.75	93	420326	42.678	ng		99
29) 2,4-Dichlorophenol	7.85	162	300532	44.123	ng		99
30) 1,2,4-Trichlorobenzene	7.93	180	320546	42.117	ng		97
31) Naphthalene	8.01	128	950076	41.686	ng		99
32) Benzoic acid	7.80	122	219835	49.632	ng		97
33) 4-Chloroaniline	8.06	127	426191	42.805	ng		99
34) Hexachlorobutadiene	8.13	225	200520	43.703	ng		98
35) Caprolactam	8.45	113	100097	46.030	ng	#	85
36) 4-Chloro-3-methylphenol	8.56	107	323257	45.102	ng		100
37) 2-Methylnaphthalene	8.70	142	629735	42.861	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	327628	41.932	ng		98
40) Hexachlorocyclopentadiene	8.86	237	144348	42.357	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	225347	44.938	ng		99
43) 2,4,5-Trichlorophenol	9.03	196	235144	44.399	ng		95
45) 1,1'-Biphenyl	9.17	154	830665	41.527	ng		97
46) 2-Chloronaphthalene	9.19	162	664951	41.612	ng		96
47) 2-Nitroaniline	9.29	65	209976	46.346	ng		92
48) Acenaphthylene	9.60	152	985229	40.869	ng		100
49) Dimethylphthalate	9.47	163	765736	42.883	ng		99
50) 2,6-Dinitrotoluene	9.53	165	171994	48.634	ng		94
51) Acenaphthene	9.77	154	591705	40.597	ng		99
52) 3-Nitroaniline	9.70	138	195443	47.721	ng		91
53) 2,4-Dinitrophenol	9.80	184	66081	55.595	ng	#	23
54) Dibenzofuran	9.95	168	887196	40.931	ng		96
55) 4-Nitrophenol	9.87	139	140448	45.523	ng		98
56) 2,4-Dinitrotoluene	9.93	165	217902	48.696	ng	#	92
57) Fluorene	10.29	166	645940	41.767	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.07	232	196652	46.896	ng		89
59) Diethylphthalate	10.17	149	771633	42.673	ng		97
60) 4-Chlorophenyl-phenylether	10.28	204	341776	42.311	ng		94
61) 4-Nitroaniline	10.32	138	196124	49.104	ng		96
62) Azobenzene	10.44	77	773764	41.186	ng		96
64) 4,6-Dinitro-2-methylphenol	10.35	198	105425	53.237	ng		89
65) n-Nitrosodiphenylamine	10.40	169	675003	41.930	ng		95
66) 4-Bromophenyl-phenylether	10.77	248	233991	43.246	ng	#	87
67) Hexachlorobenzene	10.84	284	249384	43.398	ng	#	88
68) Atrazine	10.93	200	204722	41.349	ng		95
69) Pentachlorophenol	11.03	266	161513	46.961	ng		99
70) Phenanthrene	11.24	178	996869	40.976	ng		99
71) Anthracene	11.30	178	1002813	40.641	ng		100
72) Carbazole	11.45	167	1000017	40.733	ng		100
73) Di-n-butylphthalate	11.79	149	1206753	42.698	ng		99
74) Fluoranthene	12.43	202	1035921	39.845	ng		96
76) Benzidine	12.54	184	490056	37.902	ng		100
77) Pyrene	12.65	202	1071867	41.705	ng		99
79) Butylbenzylphthalate	13.27	149	498722	45.611	ng		98
80) Benzo(a)anthracene	13.84	228	831413	38.491	ng		99
81) 3,3'-Dichlorobenzidine	13.80	252	348888	42.501	ng		95
82) Chrysene	13.87	228	863916	40.353	ng		100
83) Bis(2-ethylhexyl)phthalate	13.83	149	613188	44.466	ng		98
84) Di-n-octyl phthalate	14.44	149	1070834	45.416	ng		99
85) Indeno(1,2,3-cd)pyrene	16.60	276	599792	34.563	ng	#	92
87) Benzo(b)fluoranthene	14.85	252	804133	46.081	ng		97
88) Benzo(k)fluoranthene	14.88	252	656396	39.639	ng		97
89) Benzo(a)pyrene	15.19	252	666358	42.377	ng		98
90) Dibenzo(a,h)anthracene	16.62	278	501256	38.856	ng		96
91) Benzo(g,h,i)perylene	17.01	276	486376	38.363	ng	#	93

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

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