Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108824.D
Acq On : 6 Sep 2018 15:38
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Sep 06 16:11:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	322941	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	1308592	20.00	ng		0.00
38) Acenaphthene-d10	9.77	164	652722	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	1245300	20.00	ng		0.00
75) Chrysene-d12	13.88	240	807070	20.00	ng		0.01
86) Perylene-d12	15.28	264	840817	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	1493726	76.63	ng		0.01
7) Phenol-d6	6.38	99	1982868	79.06	ng		0.01
23) Nitrobenzene-d5	7.31	82	1837987	87.90	ng		0.00
41) 2,4,6-Tribromophenol	10.56	330	532686	85.49	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	2985405	78.03	ng		0.00
78) Terphenyl-d14	12.83	244	2572642	74.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	374173	39.940	ng		92
3) Pyridine	3.14	79	1069245	41.676	ng		91
4) n-Nitrosodimethylamine	3.09	42	400868	40.680	ng		90
6) Aniline	6.40	93	1326940	39.336	ng		98
8) 2-Chlorophenol	6.52	128	862756	39.985	ng		98
9) Benzaldehyde	6.28	77	709389	39.868	ng		98
10) Phenol	6.39	94	1102677	38.384	ng		80
11) bis(2-Chloroethyl)ether	6.48	93	907396	39.430	ng		97
12) 1,3-Dichlorobenzene	6.68	146	966075	39.236	ng		98
13) 1,4-Dichlorobenzene	6.75	146	977856	39.713	ng		99
14) 1,2-Dichlorobenzene	6.91	146	879928	38.770	ng		98
15) Benzyl Alcohol	6.88	79	780372	40.543	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1386269	40.299	ng		97
17) 2-Methylphenol	7.00	107	734036	40.255	ng		98
18) Hexachloroethane	7.25	117	363798	40.975	ng		98
19) n-Nitroso-di-n-propylamine	7.17	70	691010	39.635	ng		97
20) 3+4-Methylphenols	7.15	107	823048	38.532	ng	#	64
22) Acetophenone	7.15	105	1125766	37.906	ng	#	91
24) Nitrobenzene	7.32	77	966504	43.078	ng		97
25) Isophorone	7.57	82	1665992	39.943	ng		97
26) 2-Nitrophenol	7.64	139	448937	50.789	ng		99
27) 2,4-Dimethylphenol	7.68	122	727888	40.552	ng		97
28) bis(2-Chloroethoxy)methane	7.78	93	1104433	39.605	ng		99
29) 2,4-Dichlorophenol	7.88	162	762117	41.177	ng		98
30) 1,2,4-Trichlorobenzene	7.97	180	794185	39.594	ng		98
31) Naphthalene	8.04	128	2292975	38.947	ng		97
32) Benzoic acid	7.82	122	586974	49.484	ng		100
33) 4-Chloroaniline	8.09	127	1077993	39.868	ng		98
34) Hexachlorobutadiene	8.17	225	476846	39.794	ng		99
35) Caprolactam	8.48	113	264099	42.109	ng	#	83
36) 4-Chloro-3-methylphenol	8.58	107	790046	40.070	ng		97
37) 2-Methylnaphthalene	8.74	142	1516125	38.980	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	757553	38.826	ng		98
40) Hexachlorocyclopentadiene	8.90	237	424837	43.280	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	551881	41.526	ng		98
43) 2,4,5-Trichlorophenol	9.05	196	578192	41.971	ng		98
45) 1,1'-Biphenyl	9.20	154	1898443	37.779	ng		98
46) 2-Chloronaphthalene	9.22	162	1553608	38.228	ng		98
47) 2-Nitroaniline	9.31	65	517048	46.571	ng		95
48) Acenaphthylene	9.64	152	2289877	37.801	ng		96
49) Dimethylphthalate	9.51	163	1787695	39.158	ng	#	99
50) 2,6-Dinitrotoluene	9.56	165	408372	46.943	ng		97
51) Acenaphthene	9.81	154	1475536	39.362	ng		98
52) 3-Nitroaniline	9.72	138	487405	47.068	ng		97
53) 2,4-Dinitrophenol	9.82	184	146200	49.731	ng	#	21
54) Dibenzofuran	9.98	168	2055769	37.621	ng		94
55) 4-Nitrophenol	9.88	139	370662	47.880	ng		94
56) 2,4-Dinitrotoluene	9.96	165	521039	46.835	ng	#	98
57) Fluorene	10.32	166	1394822	39.776	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	475013	42.758	ng		88
59) Diethylphthalate	10.20	149	1799255	38.190	ng		95
60) 4-Chlorophenyl-phenylether	10.31	204	754835	40.306	ng		95
61) 4-Nitroaniline	10.34	138	450203	47.991	ng		97
62) Azobenzene	10.47	77	1884481	38.750	ng		97
64) 4,6-Dinitro-2-methylphenol	10.37	198	228444	46.842	ng		92
65) n-Nitrosodiphenylamine	10.43	169	1568273	37.878	ng		97
66) 4-Bromophenyl-phenylether	10.80	248	542868	38.597	ng	#	87
67) Hexachlorobenzene	10.87	284	584680	38.941	ng	#	86
68) Atrazine	10.96	200	524422	39.566	ng		97
69) Pentachlorophenol	11.05	266	407024	44.340	ng		99
70) Phenanthrene	11.28	178	2204806	37.075	ng		97
71) Anthracene	11.32	178	2264369	39.769	ng		97
72) Carbazole	11.48	167	2261460	37.714	ng		97
73) Di-n-butylphthalate	11.82	149	2633827	39.554	ng	#	97
74) Fluoranthene	12.45	202	2348944	39.894	ng		98
76) Benzidine	12.58	184	1480986	38.717	ng		98
77) Pyrene	12.68	202	2401241	38.666	ng		96
79) Butylbenzylphthalate	13.31	149	1158169	41.413	ng		94
80) Benzo(a)anthracene	13.87	228	1923330	37.180	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	845872	41.969	ng		97
82) Chrysene	13.91	228	1945099	38.841	ng		96
83) Bis(2-ethylhexyl)phthalate	13.87	149	1334765	37.978	ng		100
84) Di-n-octyl phthalate	14.48	149	2392000	40.823	ng		99
85) Indeno(1,2,3-cd)pyrene	16.64	276	1454235	32.813	ng		96
87) Benzo(b)fluoranthene	14.88	252	1766032	38.627	ng		97
88) Benzo(k)fluoranthene	14.91	252	1672454	39.722	ng		98
89) Benzo(a)pyrene	15.22	252	1600950	38.808	ng		98
90) Dibenzo(a,h)anthracene	16.65	278	1203894	33.119	ng		98
91) Benzo(g,h,i)perylene	17.05	276	1165151	32.013	ng		95

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

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