Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120918\
Data File : BF111231.D
Acq On : 10 Dec 2018 9:53
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Dec 10 13:56:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 01:15:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	548115	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	2497353	20.00	ng		0.00
39) Acenaphthene-d10	9.84	164	1043525	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	1980745	20.00	ng		0.00
76) Chrysene-d12	13.96	240	1067068	20.00	ng		0.00
87) Perylene-d12	15.39	264	1032253	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	2825168	81.39	ng		0.00
7) Phenol-d6	6.43	99	3421607	79.32	ng		0.00
23) Nitrobenzene-d5	7.37	82	3364411	75.56	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	674766	73.00	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	4812755	78.26	ng		0.00
79) Terphenyl-d14	12.91	244	3787965	85.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	783899	44.015	ng		98
3) Pyridine	3.26	79	2054638	43.425	ng		99
4) n-Nitrosodimethylamine	3.20	42	881904	43.716	ng		97
6) Aniline	6.47	93	2349537	40.850	ng		98
8) 2-Chlorophenol	6.59	128	1614684	40.924	ng		98
9) Benzaldehyde	6.35	77	1057793	42.694	ng		98
10) Phenol	6.45	94	1993764	39.528	ng		92
11) bis(2-Chloroethyl)ether	6.54	93	1587906	40.705	ng		96
12) 1,3-Dichlorobenzene	6.75	146	1689774	39.859	ng		99
13) 1,4-Dichlorobenzene	6.82	146	1651599	38.583	ng		98
14) 1,2-Dichlorobenzene	6.97	146	1554884	38.945	ng		99
15) Benzyl Alcohol	6.95	79	1377550	40.354	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.08	45	3008482	41.192	ng		99
17) 2-Methylphenol	7.06	107	1294207	40.177	ng		99
18) Hexachloroethane	7.32	117	716873	43.986	ng		94
19) n-Nitroso-di-n-propylamine	7.22	70	1182246	40.912	ng		97
20) 3+4-Methylphenols	7.21	107	1491733	38.934	ng		97
22) Acetophenone	7.22	105	1991790	34.857	ng	#	92
24) Nitrobenzene	7.39	77	1691328	36.497	ng		96
25) Isophorone	7.63	82	2913608	38.420	ng		100
26) 2-Nitrophenol	7.70	139	844158	36.664	ng		96
27) 2,4-Dimethylphenol	7.74	122	1291531	36.301	ng		98
28) bis(2-Chloroethoxy)methane	7.83	93	2009888	38.273	ng		100
29) 2,4-Dichlorophenol	7.94	162	1314951	36.146	ng		99
30) 1,2,4-Trichlorobenzene	8.03	180	1296012	36.167	ng		100
31) Naphthalene	8.11	128	4214549	38.668	ng		98
32) Benzoic acid	7.86	122	1113967	37.863	ng		99
33) 4-Chloroaniline	8.15	127	2024167	38.666	ng		98
34) Hexachlorobutadiene	8.23	225	771823	39.019	ng		99
35) Caprolactam	8.53	113	464092	36.001	ng		96
36) 4-Chloro-3-methylphenol	8.63	107	1372160	36.839	ng		99
37) 2-Methylnaphthalene	8.80	142	2660868	36.771	ng		97
38) 1-Methylnaphthalene	8.90	142	2685563	37.897	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	1106625	38.112	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	641403	38.788	ng		98
43) 2,4,6-Trichlorophenol	9.07	196	832255	38.184	ng		98
44) 2,4,5-Trichlorophenol	9.12	196	891912	39.283	ng		96
46) 1,1'-Biphenyl	9.26	154	3282872	38.332	ng		99
47) 2-Chloronaphthalene	9.29	162	2665875	39.043	ng		100
48) 2-Nitroaniline	9.38	65	931876	40.008	ng		91
49) Acenaphthylene	9.70	152	3692363	37.250	ng		99
50) Dimethylphthalate	9.57	163	3021863	39.247	ng		99
51) 2,6-Dinitrotoluene	9.62	165	705790	41.507	ng		92
52) Acenaphthene	9.87	154	2288054	36.783	ng		100
53) 3-Nitroaniline	9.79	138	899122	42.839	ng		100
54) 2,4-Dinitrophenol	9.89	184	239214	35.600	ng	#	71
55) Dibenzofuran	10.05	168	3223968	38.096	ng		97
56) 4-Nitrophenol	9.95	139	605210	37.024	ng		97
57) 2,4-Dinitrotoluene	10.02	165	825674	39.388	ng		95
58) Fluorene	10.39	166	2340071	35.733	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	654357	38.022	ng		99
60) Diethylphthalate	10.26	149	2788998	37.994	ng		99
61) 4-Chlorophenyl-phenylether	10.38	204	1155382	35.534	ng		98
62) 4-Nitroaniline	10.40	138	784013	39.479	ng		99
63) Azobenzene	10.54	77	2863889	37.578	ng		97
65) 4,6-Dinitro-2-methylphenol	10.43	198	412653	35.455	ng		84
66) n-Nitrosodiphenylamine	10.50	169	2390684	35.457	ng		99
67) 4-Bromophenyl-phenylether	10.87	248	763655	35.200	ng		93
68) Hexachlorobenzene	10.94	284	741663	33.606	ng		94
69) Atrazine	11.03	200	785520	38.311	ng		98
70) Pentachlorophenol	11.13	266	620300	38.745	ng		94
71) Phenanthrene	11.35	178	3667550	36.710	ng		99
72) Anthracene	11.40	178	3713808	35.531	ng		99
73) Carbazole	11.55	167	3820393	34.955	ng		98
74) Di-n-butylphthalate	11.89	149	4352336	38.743	ng		100
75) Fluoranthene	12.53	202	3609596	39.551	ng		96
77) Benzidine	12.65	184	1609002	50.783	ng		100
78) Pyrene	12.76	202	3503018	45.939	ng		98
80) Butylbenzylphthalate	13.39	149	1537891	38.613	ng		95
81) Benzo(a)anthracene	13.94	228	2289633	38.461	ng		99
82) 3,3'-Dichlorobenzidine	13.91	252	924349	37.883	ng		98
83) Chrysene	13.99	228	2575883	41.972	ng		99
84) Bis(2-ethylhexyl)phthalate	13.95	149	1888726	39.908	ng		100
85) Di-n-octyl phthalate	14.56	149	3360146	42.359	ng		99
86) Indeno(1,2,3-cd)pyrene	16.81	276	2200640	44.421	ng		98
88) Benzo(b)fluoranthene	14.98	252	2733351	47.881	ng		99
89) Benzo(k)fluoranthene	15.01	252	2339676	43.593	ng		97
90) Benzo(a)pyrene	15.33	252	2112545	40.186	ng		99
91) Dibenzo(a,h)anthracene	16.83	278	1856016	44.951	ng		98
92) Benzo(g,h,i)perylene	17.24	276	2044288	49.459	ng		99

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

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