Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
Data File : BF115006.D
Acq On : 13 Jun 2019 17:15
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jun 14 03:47:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 15:42:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	361586	20.00	ng		0.00
21) Naphthalene-d8	7.93	136	1448890	20.00	ng		0.00
39) Acenaphthene-d10	9.68	164	715494	20.00	ng		0.00
64) Phenanthrene-d10	11.16	188	1402189	20.00	ng		0.00
76) Chrysene-d12	13.78	240	832022	20.00	ng		0.00
87) Perylene-d12	15.16	264	892342	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1692415	78.15	ng		0.00
7) Phenol-d6	6.30	99	2065046	79.05	ng		0.00
23) Nitrobenzene-d5	7.22	82	1959311	81.40	ng		0.00
42) 2,4,6-Tribromophenol	10.47	330	626532	81.77	ng		0.00
45) 2-Fluorobiphenyl	9.02	172	3228517	76.48	ng		0.00
79) Terphenyl-d14	12.74	244	3235711	73.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.26	88	394663	38.936	ng		99
3) Pyridine	2.94	79	1135497	39.789	ng		99
4) n-Nitrosodimethylamine	2.90	42	411467	40.612	ng		97
6) Aniline	6.32	93	1385401	39.603	ng	#	67
8) 2-Chlorophenol	6.44	128	986903	40.193	ng		97
9) Benzaldehyde	6.19	77	593472	40.024	ng		99
10) Phenol	6.32	94	1121846	38.386	ng		97
11) bis(2-Chloroethyl)ether	6.40	93	915794	40.372	ng		98
12) 1,3-Dichlorobenzene	6.59	146	1132076	39.472	ng		99
13) 1,4-Dichlorobenzene	6.67	146	1133342	39.306	ng		99
14) 1,2-Dichlorobenzene	6.83	146	1023396	37.700	ng		97
15) Benzyl Alcohol	6.80	79	744264	38.028	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.94	45	1201755	39.584	ng		98
17) 2-Methylphenol	6.92	107	841907	41.107	ng		99
18) Hexachloroethane	7.16	117	414201	39.778	ng		99
19) n-Nitroso-di-n-propylamine	7.09	70	640492	40.356	ng		100
20) 3+4-Methylphenols	7.08	107	921938	37.823	ng		92
22) Acetophenone	7.07	105	1334793	40.697	ng	#	99
24) Nitrobenzene	7.24	77	1011917	41.318	ng		95
25) Isophorone	7.48	82	1868583	41.447	ng		99
26) 2-Nitrophenol	7.55	139	578267	42.361	ng		98
27) 2,4-Dimethylphenol	7.60	122	785708	39.898	ng		100
28) bis(2-Chloroethoxy)methane	7.69	93	1190879	41.172	ng		100
29) 2,4-Dichlorophenol	7.80	162	868114	41.729	ng		98
30) 1,2,4-Trichlorobenzene	7.88	180	971632	40.420	ng		99
31) Naphthalene	7.96	128	2715517	39.612	ng		99
32) Benzoic acid	7.76	122	646221	45.353	ng		96
33) 4-Chloroaniline	8.01	127	1295883	40.952	ng		97
34) Hexachlorobutadiene	8.08	225	543665	40.689	ng		100
35) Caprolactam	8.40	113	307607	44.394	ng		90
36) 4-Chloro-3-methylphenol	8.50	107	894673	42.675	ng		96
37) 2-Methylnaphthalene	8.65	142	1841014	40.264	ng		98
38) 1-Methylnaphthalene	8.75	142	1739576	40.254	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.82	216	831743	39.348	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.80	237	427624	41.054	ng		99
43) 2,4,6-Trichlorophenol	8.93	196	646297	40.935	ng		100
44) 2,4,5-Trichlorophenol	8.97	196	659594	41.339	ng		96
46) 1,1'-Biphenyl	9.11	154	2170273	37.852	ng		99
47) 2-Chloronaphthalene	9.13	162	1824153	39.344	ng		99
48) 2-Nitroaniline	9.23	65	585056	42.692	ng		98
49) Acenaphthylene	9.55	152	2712911	38.057	ng		99
50) Dimethylphthalate	9.42	163	2192954	40.755	ng		100
51) 2,6-Dinitrotoluene	9.47	165	517359	42.387	ng	#	87
52) Acenaphthene	9.72	154	1607073	39.404	ng		98
53) 3-Nitroaniline	9.65	138	639033	42.732	ng		97
54) 2,4-Dinitrophenol	9.75	184	273694	46.230	ng		91
55) Dibenzofuran	9.89	168	2323732	37.804	ng		98
56) 4-Nitrophenol	9.81	139	449095	43.548	ng		99
57) 2,4-Dinitrotoluene	9.87	165	651678	41.948	ng		92
58) Fluorene	10.23	166	1675407	39.952	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.01	232	545128	42.296	ng		100
60) Diethylphthalate	10.12	149	2080182	40.432	ng		99
61) 4-Chlorophenyl-phenylether	10.22	204	825860	39.790	ng		98
62) 4-Nitroaniline	10.26	138	652566	43.401	ng		99
63) Azobenzene	10.38	77	1824242	40.529	ng		99
65) 4,6-Dinitro-2-methylphenol	10.29	198	347509	44.218	ng		94
66) n-Nitrosodiphenylamine	10.35	169	1667007	39.772	ng		99
67) 4-Bromophenyl-phenylether	10.71	248	604006	40.119	ng		98
68) Hexachlorobenzene	10.77	284	674199	40.675	ng		98
69) Atrazine	10.87	200	528841	39.134	ng		98
70) Pentachlorophenol	10.97	266	404997	44.992	ng		100
71) Phenanthrene	11.18	178	2735933	37.791	ng		99
72) Anthracene	11.23	178	2750582	37.660	ng		99
73) Carbazole	11.39	167	2597903	40.752	ng		99
74) Di-n-butylphthalate	11.73	149	3047710	37.922	ng		98
75) Fluoranthene	12.36	202	2826312	38.178	ng		98
77) Benzidine	12.48	184	1316043	39.106	ng		98
78) Pyrene	12.59	202	2919699	38.521	ng		99
80) Butylbenzylphthalate	13.22	149	1397167	39.465	ng		99
81) Benzo(a)anthracene	13.77	228	2425178	38.951	ng		99
82) 3,3'-Dichlorobenzidine	13.74	252	1021547	42.796	ng		99
83) Chrysene	13.81	228	2515710	40.632	ng		98
84) Bis(2-ethylhexyl)phthalate	13.78	149	1524960	36.446	ng		100
85) Di-n-octyl phthalate	14.39	149	2774704	38.509	ng		99
86) Indeno(1,2,3-cd)pyrene	16.46	276	2136909	39.292	ng		100
88) Benzo(b)fluoranthene	14.77	252	2325693	39.206	ng		99
89) Benzo(k)fluoranthene	14.80	252	2215790	42.556	ng		97
90) Benzo(a)pyrene	15.10	252	2082254	40.680	ng		99
91) Dibenzo(a,h)anthracene	16.48	278	1712744	38.854	ng		99
92) Benzo(g,h,i)perylene	16.86	276	1739125	38.685	ng		100

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

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