Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
Data File : BF115028.D
Acq On : 14 Jun 2019 10:04
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jun 17 03:48:18 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	323299	20.00	ng		0.00
21) Naphthalene-d8	7.93	136	1304844	20.00	ng		0.00
39) Acenaphthene-d10	9.68	164	645853	20.00	ng		0.00
64) Phenanthrene-d10	11.15	188	1242439	20.00	ng		0.00
76) Chrysene-d12	13.78	240	731552	20.00	ng		0.00
87) Perylene-d12	15.15	264	763454	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1592767	82.26	ng		0.00
7) Phenol-d6	6.30	99	1932328	82.73	ng		0.00
23) Nitrobenzene-d5	7.22	82	1794870	82.80	ng		0.00
42) 2,4,6-Tribromophenol	10.47	330	578177	83.60	ng		0.00
45) 2-Fluorobiphenyl	9.01	172	3017872	79.19	ng		0.00
79) Terphenyl-d14	12.74	244	2992169	76.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.27	88	373140	41.172	ng		99
3) Pyridine	2.94	79	1025446	40.189	ng		100
4) n-Nitrosodimethylamine	2.90	42	376549	41.567	ng		97
6) Aniline	6.32	93	1276581	40.814	ng	#	75
8) 2-Chlorophenol	6.44	128	919155	41.867	ng		99
9) Benzaldehyde	6.19	77	561365	43.163	ng		99
10) Phenol	6.32	94	1057209	40.458	ng		98
11) bis(2-Chloroethyl)ether	6.39	93	852862	42.051	ng		99
12) 1,3-Dichlorobenzene	6.59	146	1052132	41.029	ng		99
13) 1,4-Dichlorobenzene	6.67	146	1050594	40.751	ng		99
14) 1,2-Dichlorobenzene	6.82	146	946979	39.016	ng		99
15) Benzyl Alcohol	6.80	79	580180m	33.155	ng		
16) 2,2'-oxybis(1-Chloropropan	6.94	45	1090016	40.155	ng		94
17) 2-Methylphenol	6.92	107	766206	41.842	ng		97
18) Hexachloroethane	7.16	117	382881	41.125	ng		99
19) n-Nitroso-di-n-propylamine	7.08	70	584533	41.192	ng		98
20) 3+4-Methylphenols	7.07	107	897408	41.177	ng	#	83
22) Acetophenone	7.07	105	1249735	42.310	ng	#	98
24) Nitrobenzene	7.24	77	934374	42.363	ng		95
25) Isophorone	7.48	82	1702235	41.926	ng		99
26) 2-Nitrophenol	7.55	139	534217	43.454	ng		98
27) 2,4-Dimethylphenol	7.60	122	771710	43.513	ng		100
28) bis(2-Chloroethoxy)methane	7.69	93	1089242	41.815	ng		100
29) 2,4-Dichlorophenol	7.80	162	812214	43.352	ng		97
30) 1,2,4-Trichlorobenzene	7.88	180	902108	41.671	ng		99
31) Naphthalene	7.96	128	2544674	41.217	ng		99
32) Benzoic acid	7.76	122	501781	39.104	ng		97
33) 4-Chloroaniline	8.00	127	1211130	42.498	ng		99
34) Hexachlorobutadiene	8.08	225	504326	41.912	ng		100
35) Caprolactam	8.40	113	274253	43.950	ng		96
36) 4-Chloro-3-methylphenol	8.50	107	831079	44.017	ng		99
37) 2-Methylnaphthalene	8.65	142	1685618	40.936	ng		98
38) 1-Methylnaphthalene	8.75	142	1619802	41.621	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.82	216	774903	40.611	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.80	237	374101	39.788	ng		99
43) 2,4,6-Trichlorophenol	8.93	196	565556	39.684	ng		100
44) 2,4,5-Trichlorophenol	8.97	196	613009	42.562	ng		97
46) 1,1'-Biphenyl	9.11	154	1998527	38.615	ng		99
47) 2-Chloronaphthalene	9.13	162	1692122	40.431	ng		100
48) 2-Nitroaniline	9.23	65	532158	43.019	ng		99
49) Acenaphthylene	9.55	152	2488191	38.668	ng		99
50) Dimethylphthalate	9.42	163	2004184	41.263	ng		99
51) 2,6-Dinitrotoluene	9.47	165	462862	42.011	ng		91
52) Acenaphthene	9.72	154	1483098	40.285	ng		99
53) 3-Nitroaniline	9.64	138	588269	43.579	ng		99
54) 2,4-Dinitrophenol	9.75	184	237320	44.408	ng		91
55) Dibenzofuran	9.89	168	2139597	38.562	ng		99
56) 4-Nitrophenol	9.81	139	386473	41.517	ng		97
57) 2,4-Dinitrotoluene	9.87	165	595730	42.482	ng		93
58) Fluorene	10.23	166	1539353	40.834	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.01	232	496914	42.713	ng		98
60) Diethylphthalate	10.11	149	1896872	40.844	ng		100
61) 4-Chlorophenyl-phenylether	10.22	204	755195	40.428	ng		99
62) 4-Nitroaniline	10.26	138	598024	44.062	ng		98
63) Azobenzene	10.38	77	1661370	40.891	ng		98
65) 4,6-Dinitro-2-methylphenol	10.29	198	304996	43.798	ng		91
66) n-Nitrosodiphenylamine	10.35	169	1510408	40.669	ng		99
67) 4-Bromophenyl-phenylether	10.71	248	549856	41.218	ng		99
68) Hexachlorobenzene	10.77	284	610800	41.589	ng		98
69) Atrazine	10.87	200	463192	38.683	ng		99
70) Pentachlorophenol	10.97	266	357292	44.796	ng		99
71) Phenanthrene	11.18	178	2530768	39.451	ng		99
72) Anthracene	11.23	178	2516745	38.889	ng		99
73) Carbazole	11.39	167	2373201	42.014	ng		100
74) Di-n-butylphthalate	11.73	149	2748684	38.599	ng		99
75) Fluoranthene	12.36	202	2598729	39.618	ng		100
77) Benzidine	12.48	184	1132267	38.266	ng		99
78) Pyrene	12.59	202	2670013	40.064	ng		99
80) Butylbenzylphthalate	13.21	149	1277492	41.041	ng		95
81) Benzo(a)anthracene	13.77	228	2228727	40.712	ng		99
82) 3,3'-Dichlorobenzidine	13.73	252	914459	43.571	ng	#	99
83) Chrysene	13.81	228	2271851	41.733	ng		99
84) Bis(2-ethylhexyl)phthalate	13.77	149	1401636	38.099	ng		99
85) Di-n-octyl phthalate	14.38	149	2547016	40.204	ng		100
86) Indeno(1,2,3-cd)pyrene	16.46	276	1905214	39.843	ng		100
88) Benzo(b)fluoranthene	14.77	252	2174341	42.843	ng		99
89) Benzo(k)fluoranthene	14.80	252	1868336	41.941	ng		100
90) Benzo(a)pyrene	15.10	252	1855006	42.358	ng		99
91) Dibenzo(a,h)anthracene	16.47	278	1534089	40.676	ng		99
92) Benzo(g,h,i)perylene	16.85	276	1572355	40.880	ng		99

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

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