Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051119\
Data File : BF114149.D
Acq On : 11 May 2019 11:30
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: May 13 06:47:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	357285	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1453326	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	699797	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1332658	20.00	ng	0.00
76) Chrysene-d12	14.01	240	909542	20.00	ng	-0.01
87) Perylene-d12	15.47	264	917659	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1717504	77.36	ng	0.00
7) Phenol-d6	6.49	99	2167267	82.53	ng	0.00
23) Nitrobenzene-d5	7.42	82	1968913	76.03	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	557315	77.03	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	3372569	72.90	ng	0.00
79) Terphenyl-d14	12.96	244	3318420	75.21	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.65	88	431538	35.362	ng	98
3) Pyridine	3.39	79	1233610	36.690	ng	98
4) n-Nitrosodimethylamine	3.35	42	572966	35.338	ng	96
6) Aniline	6.52	93	1535567	40.483	ng	99
8) 2-Chlorophenol	6.65	128	1005491	42.423	ng	94
9) Benzaldehyde	6.40	77	732134	39.827	ng	99
10) Phenol	6.50	94	1244785	40.297	ng	99
11) bis(2-Chloroethyl)ether	6.59	93	1004783	42.845	ng	100
12) 1,3-Dichlorobenzene	6.80	146	1055005	39.654	ng	99
13) 1,4-Dichlorobenzene	6.87	146	1060925	39.573	ng	98
14) 1,2-Dichlorobenzene	7.03	146	976590	39.872	ng	99
15) Benzyl Alcohol	7.00	79	822455	40.159	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1858147	40.865	ng	99
17) 2-Methylphenol	7.11	107	775385	39.825	ng	100
18) Hexachloroethane	7.37	117	405851	40.330	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	662831	39.824	ng	99
20) 3+4-Methylphenols	7.26	107	887464	39.451	ng	95
22) Acetophenone	7.26	105	1210754	37.606	ng	98
24) Nitrobenzene	7.43	77	1023869	38.818	ng	99
25) Isophorone	7.67	82	1866572	38.864	ng	100
26) 2-Nitrophenol	7.75	139	514391	40.197	ng	98
27) 2,4-Dimethylphenol	7.79	122	779128	38.766	ng	97
28) bis(2-Chloroethoxy)methane	7.88	93	1288957	41.362	ng	99
29) 2,4-Dichlorophenol	7.99	162	806927	40.320	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	904117	39.728	ng	100
31) Naphthalene	8.16	128	2760171	40.658	ng	99
32) Benzoic acid	7.93	122	518912	37.934	ng	97
33) 4-Chloroaniline	8.20	127	1266137	40.928	ng	99
34) Hexachlorobutadiene	8.27	225	542084	41.864	ng	98
35) Caprolactam	8.58	113	289663	44.388	ng	97
36) 4-Chloro-3-methylphenol	8.69	107	870132	43.194	ng	100
37) 2-Methylnaphthalene	8.85	142	1865324	42.587	ng	97
38) 1-Methylnaphthalene	8.95	142	1746234	42.335	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	857708	40.461	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	341710	37.054	ng		98
43) 2,4,6-Trichlorophenol	9.12	196	598057	41.017	ng		100
44) 2,4,5-Trichlorophenol	9.17	196	616419	41.223	ng		97
46) 1,1'-Biphenyl	9.31	154	2215485	39.188	ng		98
47) 2-Chloronaphthalene	9.33	162	1794166	39.434	ng		100
48) 2-Nitroaniline	9.43	65	650931	40.341	ng		99
49) Acenaphthylene	9.75	152	2733874	39.507	ng		99
50) Dimethylphthalate	9.61	163	2057646	40.054	ng		99
51) 2,6-Dinitrotoluene	9.67	165	458487	40.239	ng		98
52) Acenaphthene	9.92	154	1735934	40.880	ng		99
53) 3-Nitroaniline	9.84	138	572977	40.510	ng		98
54) 2,4-Dinitrophenol	9.95	184	207988	39.986	ng		97
55) Dibenzofuran	10.09	168	2394170	38.450	ng		99
56) 4-Nitrophenol	10.00	139	388126	38.803	ng		92
57) 2,4-Dinitrotoluene	10.07	165	612471	39.603	ng		95
58) Fluorene	10.44	166	1803024	37.488	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	505806	39.203	ng		99
60) Diethylphthalate	10.30	149	2011859	38.544	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	908914	38.477	ng		99
62) 4-Nitroaniline	10.46	138	566509	38.116	ng		95
63) Azobenzene	10.59	77	1976963	39.129	ng		99
65) 4,6-Dinitro-2-methylphenol	10.49	198	283992	44.349	ng		85
66) n-Nitrosodiphenylamine	10.55	169	1674134	41.391	ng		99
67) 4-Bromophenyl-phenylether	10.92	248	603348	41.119	ng		97
68) Hexachlorobenzene	10.99	284	663894	40.899	ng	#	91
69) Atrazine	11.07	200	535872	42.574	ng		99
70) Pentachlorophenol	11.18	266	326577	42.441	ng		99
71) Phenanthrene	11.40	178	2590362	39.953	ng		99
72) Anthracene	11.45	178	2634411	40.454	ng		99
73) Carbazole	11.60	167	2488640	40.075	ng		100
74) Di-n-butylphthalate	11.93	149	3020393	42.217	ng		97
75) Fluoranthene	12.59	202	2737316	39.206	ng		98
77) Benzidine	12.70	184	1647983	40.364	ng		99
78) Pyrene	12.82	202	2804691	38.332	ng		100
80) Butylbenzylphthalate	13.43	149	1343312	43.618	ng		98
81) Benzo(a)anthracene	14.00	228	2361256	40.138	ng		99
82) 3,3'-Dichlorobenzidine	13.96	252	976954	42.809	ng	#	99
83) Chrysene	14.04	228	2267580	39.321	ng		98
84) Bis(2-ethylhexyl)phthalate	13.99	149	1748058	43.399	ng		98
85) Di-n-octyl phthalate	14.60	149	2876225	44.050	ng		99
86) Indeno(1,2,3-cd)pyrene	16.94	276	1875133	36.791	ng		99
88) Benzo(b)fluoranthene	15.05	252	2302190	39.159	ng		100
89) Benzo(k)fluoranthene	15.08	252	2154598	39.896	ng		99
90) Benzo(a)pyrene	15.42	252	2055355	39.724	ng		99
91) Dibenzo(a,h)anthracene	16.96	278	1557245	36.220	ng		99
92) Benzo(g,h,i)perylene	17.39	276	1520511	35.290	ng		99

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

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