Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112319\
Data File : BF117950.D
Acq On : 23 Nov 2019 12:22
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Nov 25 07:49:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 18:36:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	182814	20.00	ng		-0.02
21) Naphthalene-d8	8.19	136	710974	20.00	ng		-0.02
39) Acenaphthene-d10	9.96	164	366506	20.00	ng		-0.02
64) Phenanthrene-d10	11.45	188	695952	20.00	ng		-0.02
76) Chrysene-d12	14.10	240	467283	20.00	ng		-0.02
87) Perylene-d12	15.60	264	382641	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	800091	77.47	ng		-0.02
7) Phenol-d6	6.53	99	1019892	81.87	ng		-0.02
23) Nitrobenzene-d5	7.47	82	888237	74.27	ng		-0.02
42) 2,4,6-Tribromophenol	10.75	330	341114	87.91	ng		-0.02
45) 2-Fluorobiphenyl	9.27	172	1886167	92.33	ng		-0.02
79) Terphenyl-d14	13.04	244	2097296	82.03	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	171461	35.517	ng		96
3) Pyridine	3.45	79	465107	36.728	ng		98
4) n-Nitrosodimethylamine	3.40	42	184487	33.373	ng		97
6) Aniline	6.57	93	672873	40.876	ng		99
8) 2-Chlorophenol	6.69	128	468876	41.839	ng		97
9) Benzaldehyde	6.45	77	319935	39.584	ng		98
10) Phenol	6.55	94	592430	45.766	ng		95
11) bis(2-Chloroethyl)ether	6.64	93	427198	41.096	ng		97
12) 1,3-Dichlorobenzene	6.85	146	555555	42.108	ng		97
13) 1,4-Dichlorobenzene	6.92	146	564150	42.303	ng		99
14) 1,2-Dichlorobenzene	7.08	146	523489	41.044	ng		98
15) Benzyl Alcohol	7.05	79	407400	42.360	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.18	45	608797	38.039	ng		98
17) 2-Methylphenol	7.16	107	388271	40.912	ng		99
18) Hexachloroethane	7.42	117	199871	40.798	ng		92
19) n-Nitroso-di-n-propylamine	7.32	70	309357	40.255	ng		96
20) 3+4-Methylphenols	7.31	107	473381	40.183	ng	#	82
22) Acetophenone	7.32	105	639997	40.066	ng		99
24) Nitrobenzene	7.49	77	448860	36.379	ng		99
25) Isophorone	7.73	82	878741	40.087	ng		97
26) 2-Nitrophenol	7.80	139	264787	44.091	ng		95
27) 2,4-Dimethylphenol	7.84	122	359004	38.471	ng		100
28) bis(2-Chloroethoxy)methane	7.94	93	565817	40.676	ng		99
29) 2,4-Dichlorophenol	8.05	162	413422	40.843	ng		98
30) 1,2,4-Trichlorobenzene	8.13	180	485025	41.310	ng		100
31) Naphthalene	8.22	128	1425027	42.994	ng		99
32) Benzoic acid	7.95	122	245089	31.367	ng		99
33) 4-Chloroaniline	8.26	127	609134	41.051	ng		99
34) Hexachlorobutadiene	8.33	225	282401	41.138	ng		99
35) Caprolactam	8.64	113	126341	39.273	ng		87
36) 4-Chloro-3-methylphenol	8.74	107	424102	41.284	ng		96
37) 2-Methylnaphthalene	8.91	142	928940	41.480	ng		99
38) 1-Methylnaphthalene	9.01	142	893221	42.189	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.08	216	442450	41.569	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	231593	38.827	ng		99
43) 2,4,6-Trichlorophenol	9.19	196	313640	41.140	ng		98
44) 2,4,5-Trichlorophenol	9.23	196	284173	35.901	ng		97
46) 1,1'-Biphenyl	9.37	154	1172782	43.131	ng		99
47) 2-Chloronaphthalene	9.40	162	931078	41.623	ng		99
48) 2-Nitroaniline	9.49	65	286014	42.352	ng		99
49) Acenaphthylene	9.82	152	1381984	42.375	ng		100
50) Dimethylphthalate	9.67	163	1125601	43.796	ng		100
51) 2,6-Dinitrotoluene	9.74	165	239240	42.592	ng		88
52) Acenaphthene	9.99	154	868408	41.567	ng		100
53) 3-Nitroaniline	9.91	138	278615	41.453	ng		97
54) 2,4-Dinitrophenol	10.01	184	107198	41.013	ng	#	88
55) Dibenzofuran	10.16	168	1262981	43.657	ng		100
56) 4-Nitrophenol	10.06	139	198473	39.561	ng		93
57) 2,4-Dinitrotoluene	10.15	165	325947	45.618	ng		90
58) Fluorene	10.51	166	847146	37.788	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.28	232	270971	41.664	ng		99
60) Diethylphthalate	10.37	149	1104436	44.077	ng		100
61) 4-Chlorophenyl-phenylether	10.50	204	431272	37.907	ng		96
62) 4-Nitroaniline	10.53	138	266131	39.546	ng		93
63) Azobenzene	10.66	77	947486	41.564	ng		93
65) 4,6-Dinitro-2-methylphenol	10.55	198	145573	44.806	ng		83
66) n-Nitrosodiphenylamine	10.62	169	854747	42.201	ng		100
67) 4-Bromophenyl-phenylether	10.99	248	307661	40.971	ng		98
68) Hexachlorobenzene	11.06	284	371622	42.441	ng	#	91
69) Atrazine	11.15	200	270204	40.555	ng		99
70) Pentachlorophenol	11.25	266	198892	38.879	ng		98
71) Phenanthrene	11.47	178	1338451	38.252	ng		99
72) Anthracene	11.53	178	1470429	42.385	ng		99
73) Carbazole	11.68	167	1326808	43.766	ng		99
74) Di-n-butylphthalate	12.01	149	1598080	42.338	ng		99
75) Fluoranthene	12.67	202	1493725	47.257	ng		99
77) Benzidine	12.79	184	571309	37.325	ng		99
78) Pyrene	12.90	202	1497343	39.650	ng		100
80) Butylbenzylphthalate	13.51	149	673315	41.513	ng		93
81) Benzo(a)anthracene	14.09	228	1259769	40.797	ng		100
82) 3,3'-Dichlorobenzidine	14.05	252	441194	40.847	ng	#	98
83) Chrysene	14.13	228	1199565	40.090	ng		99
84) Bis(2-ethylhexyl)phthalate	14.07	149	879220	44.713	ng		99
85) Di-n-octyl phthalate	14.69	149	1309625	45.335	ng		98
86) Indeno(1,2,3-cd)pyrene	17.14	276	920680	36.153	ng		99
88) Benzo(b)fluoranthene	15.16	252	1040530	41.855	ng		99
89) Benzo(k)fluoranthene	15.19	252	924306	39.460	ng		99
90) Benzo(a)pyrene	15.54	252	891159	40.765	ng		100
91) Dibenzo(a,h)anthracene	17.15	278	762967	40.549	ng		98
92) Benzo(g,h,i)perylene	17.60	276	709967	37.883	ng		97

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

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