Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020521\
Data File : BF123128.D
Acq On : 5 Feb 2021 10:29
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Feb 05 12:03:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 12:29:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	252650	20.00	ng		0.00
21) Naphthalene-d8	8.187	136	935021	20.00	ng		0.00
39) Acenaphthene-d10	9.945	164	507125	20.00	ng		0.00
64) Phenanthrene-d10	11.433	188	929323	20.00	ng		0.00
76) Chrysene-d12	14.092	240	745258	20.00	ng		0.00
86) Perylene-d12	15.580	264	686593	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	1267219	77.37	ng		0.01
7) Phenol-d6	6.528	99	1689967	76.12	ng		0.01
23) Nitrobenzene-d5	7.463	82	1527437	82.21	ng		0.00
42) 2,4,6-Tribromophenol	10.739	330	527502	95.82	ng		0.00
45) 2-Fluorobiphenyl	9.263	172	2732608	80.10	ng		0.00
79) Terphenyl-d14	13.033	244	3294363	86.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	301502	37.00	ng		96
3) Pyridine	3.446	79	798577	36.64	ng		97
4) n-Nitrosodimethylamine	3.399	42	332662	36.28	ng		93
6) Aniline	6.563	93	1023045	37.44	ng		99
8) 2-Chlorophenol	6.687	128	705808	39.76	ng		99
9) Benzaldehyde	6.446	77	427667	42.14	ng		97
10) Phenol	6.545	94	894448	40.62	ng		95
11) bis(2-Chloroethyl)ether	6.634	93	697507	38.07	ng		98
12) 1,3-Dichlorobenzene	6.840	146	820716	39.64	ng		97
13) 1,4-Dichlorobenzene	6.916	146	830294	38.51	ng		97
14) 1,2-Dichlorobenzene	7.075	146	756227	37.49	ng		100
15) Benzyl Alcohol	7.040	79	604243	38.82	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	1032831	36.56	ng		99
17) 2-Methylphenol	7.151	107	612553	40.55	ng		99
18) Hexachloroethane	7.416	117	308870	40.90	ng		98
19) n-Nitroso-di-n-propyla...	7.316	70	510908	38.27	ng		97
20) 3+4-Methylphenols	7.304	107	707220	39.75	ng		90
22) Acetophenone	7.310	105	934472	38.36	ng	#	98
24) Nitrobenzene	7.481	77	777941	40.64	ng		97
25) Isophorone	7.722	82	1349764	39.66	ng		100
26) 2-Nitrophenol	7.798	139	381614	48.21	ng		98
27) 2,4-Dimethylphenol	7.834	122	561605	39.32	ng		99
28) bis(2-Chloroethoxy)met...	7.928	93	912458	39.30	ng		99
29) 2,4-Dichlorophenol	8.040	162	625420	41.87	ng		98
30) 1,2,4-Trichlorobenzene	8.122	180	701190	41.67	ng		98
31) Naphthalene	8.204	128	2018152	39.35	ng		99
32) Benzoic acid	7.963	122	479083	42.29	ng		97
33) 4-Chloroaniline	8.251	127	884346	38.85	ng		97
34) Hexachlorobutadiene	8.322	225	427806	44.01	ng		99
35) Caprolactam	8.639	113	208837	41.37	ng		95
36) 4-Chloro-3-methylphenol	8.734	107	661981	42.62	ng		96
37) 2-Methylnaphthalene	8.898	142	1360278	39.95	ng		98
38) 1-Methylnaphthalene	8.998	142	1281283	39.74	ng		98
40) 1,2,4,5-Tetrachloroben...	9.063	216	659558	41.81	ng		100
41) Hexachlorocyclopentadiene	9.051	237	336986	45.00	ng		98
43) 2,4,6-Trichlorophenol	9.175	196	468767	43.34	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	496383	43.89	ng		99
46) 1,1'-Biphenyl	9.363	154	1635869	39.33	ng		99
47) 2-Chloronaphthalene	9.392	162	1370626	39.36	ng		98
48) 2-Nitroaniline	9.481	65	462562	43.83	ng		86
49) Acenaphthylene	9.810	152	2017246	39.58	ng		99
50) Dimethylphthalate	9.669	163	1653045	41.55	ng		99
51) 2,6-Dinitrotoluene	9.728	165	365535	43.13	ng		92
52) Acenaphthene	9.981	154	1344595	41.07	ng		100
53) 3-Nitroaniline	9.898	138	413002	41.21	ng		91
54) 2,4-Dinitrophenol	9.998	184	188008	51.20	ng		95
55) Dibenzofuran	10.151	168	1823111	38.27	ng		99
56) 4-Nitrophenol	10.051	139	304906	42.09	ng		87
57) 2,4-Dinitrotoluene	10.134	165	492218	44.66	ng		96
58) Fluorene	10.498	166	1397698	36.73	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.269	232	425508	44.36	ng		96
60) Diethylphthalate	10.369	149	1614114	41.26	ng		99
61) 4-Chlorophenyl-phenyle...	10.486	204	733499	41.02	ng		98
62) 4-Nitroaniline	10.516	138	421200	41.83	ng		99
63) Azobenzene	10.645	77	1482634	38.73	ng		99
65) 4,6-Dinitro-2-methylph...	10.545	198	239445	46.82	ng		98
66) n-Nitrosodiphenylamine	10.604	169	1288222	38.46	ng		99
67) 4-Bromophenyl-phenylether	10.981	248	494054	41.74	ng		93
68) Hexachlorobenzene	11.051	284	553629	43.61	ng		94
69) Atrazine	11.133	200	389742	42.13	ng		99
70) Pentachlorophenol	11.239	266	314952	45.78	ng		98
71) Phenanthrene	11.463	178	2140689	37.09	ng		99
72) Anthracene	11.516	178	2116487	38.23	ng		99
73) Carbazole	11.669	167	1956164	38.07	ng		99
74) Di-n-butylphthalate	11.998	149	2512884	41.24	ng		99
75) Fluoranthene	12.657	202	2256675	39.12	ng		99
77) Benzidine	12.775	184	672439	39.87	ng		100
78) Pyrene	12.886	202	2277879	40.49	ng		99
80) Butylbenzylphthalate	13.504	149	1097160	45.32	ng		99
81) Benzo(a)anthracene	14.080	228	2086269	41.36	ng		99
82) 3,3'-Dichlorobenzidine	14.045	252	714768	45.03	ng		98
83) Chrysene	14.121	228	2014296	39.90	ng		99
84) Bis(2-ethylhexyl)phtha...	14.069	149	1475818	45.88	ng	#	97
85) Di-n-octyl phthalate	14.686	149	2460787	45.55	ng		99
87) Indeno(1,2,3-cd)pyrene	17.098	276	1934556	42.31	ng		99
88) Benzo(b)fluoranthene	15.145	252	2112704	42.63	ng		99
89) Benzo(k)fluoranthene	15.180	252	1818000	39.48	ng		99
90) Benzo(a)pyrene	15.521	252	1811360	41.62	ng		99
91) Dibenzo(a,h)anthracene	17.121	278	1589399	42.23	ng		98
92) Benzo(g,h,i)perylene	17.557	276	1515935	41.57	ng		100

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

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