Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012821\
Data File : BF123052.D
Acq On : 28 Jan 2021 10:15
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jan 28 11:25:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 28 00:48:07 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	272770	20.00	ng		0.00
21) Naphthalene-d8	8.180	136	1013300	20.00	ng		# 0.00
39) Acenaphthene-d10	9.939	164	538295	20.00	ng		0.00
64) Phenanthrene-d10	11.427	188	962234	20.00	ng		# 0.00
76) Chrysene-d12	14.086	240	798908	20.00	ng		0.00
86) Perylene-d12	15.568	264	770918	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	1414501	79.99	ng		0.00
7) Phenol-d6	6.522	99	1917692	80.01	ng		0.00
23) Nitrobenzene-d5	7.463	82	1682206	83.55	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	508876	87.08	ng		0.00
45) 2-Fluorobiphenyl	9.263	172	2804946	77.46	ng		0.00
79) Terphenyl-d14	13.027	244	3305118	81.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	355214	40.37	ng		95
3) Pyridine	3.428	79	955754	40.62	ng		95
4) n-Nitrosodimethylamine	3.381	42	398534	40.25	ng		95
6) Aniline	6.557	93	1179606	39.99	ng		99
8) 2-Chlorophenol	6.681	128	781377	40.77	ng		99
9) Benzaldehyde	6.445	77	459543	41.94	ng		99
10) Phenol	6.534	94	970757	40.84	ng		88
11) bis(2-Chloroethyl)ether	6.628	93	794588	40.17	ng		96
12) 1,3-Dichlorobenzene	6.839	146	898307	40.19	ng		99
13) 1,4-Dichlorobenzene	6.916	146	901447	38.72	ng		99
14) 1,2-Dichlorobenzene	7.069	146	837519	38.45	ng		98
15) Benzyl Alcohol	7.033	79	698201	41.55	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.169	45	1226552	40.21	ng		96
17) 2-Methylphenol	7.145	107	660590	40.50	ng		97
18) Hexachloroethane	7.410	117	336820	41.31	ng		92
19) n-Nitroso-di-n-propyla...	7.310	70	573959	39.82	ng		94
20) 3+4-Methylphenols	7.298	107	795275	41.40	ng	#	84
22) Acetophenone	7.304	105	1038575	39.34	ng	#	98
24) Nitrobenzene	7.481	77	856778	41.30	ng		98
25) Isophorone	7.716	82	1488472	40.36	ng		99
26) 2-Nitrophenol	7.792	139	407294	47.48	ng		99
27) 2,4-Dimethylphenol	7.828	122	620422	40.08	ng		98
28) bis(2-Chloroethoxy)met...	7.928	93	1014097	40.30	ng		98
29) 2,4-Dichlorophenol	8.033	162	673151	41.59	ng		97
30) 1,2,4-Trichlorobenzene	8.122	180	738945	40.52	ng		99
31) Naphthalene	8.204	128	2217191	39.89	ng		99
32) Benzoic acid	7.951	122	567439	45.77	ng		97
33) 4-Chloroaniline	8.245	127	985069	39.93	ng		97
34) Hexachlorobutadiene	8.322	225	424543	40.30	ng		99
35) Caprolactam	8.627	113	231505	42.32	ng		97
36) 4-Chloro-3-methylphenol	8.727	107	698709	41.51	ng		98
37) 2-Methylnaphthalene	8.898	142	1489008	40.35	ng		99
38) 1-Methylnaphthalene	8.992	142	1389434	39.77	ng		99
40) 1,2,4,5-Tetrachloroben...	9.063	216	679221	40.56	ng		99
41) Hexachlorocyclopentadiene	9.051	237	337058	42.40	ng		98
43) 2,4,6-Trichlorophenol	9.169	196	499307	43.49	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	515019	42.90	ng		99
46) 1,1'-Biphenyl	9.363	154	1764129	39.95	ng		99
47) 2-Chloronaphthalene	9.386	162	1483551	40.14	ng		98
48) 2-Nitroaniline	9.480	65	499481	44.59	ng		94
49) Acenaphthylene	9.804	152	2176231	40.23	ng		99
50) Dimethylphthalate	9.663	163	1708776	40.46	ng		99
51) 2,6-Dinitrotoluene	9.722	165	391367	43.50	ng		96
52) Acenaphthene	9.974	154	1419030	40.84	ng		99
53) 3-Nitroaniline	9.892	138	459914	43.23	ng		95
54) 2,4-Dinitrophenol	9.992	184	180910	47.06	ng		95
55) Dibenzofuran	10.145	168	1958688	38.74	ng		100
56) 4-Nitrophenol	10.039	139	354397	46.09	ng		87
57) 2,4-Dinitrotoluene	10.121	165	526501	45.00	ng		97
58) Fluorene	10.492	166	1465374	36.28	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	438052	43.03	ng		96
60) Diethylphthalate	10.363	149	1689850	40.69	ng		99
61) 4-Chlorophenyl-phenyle...	10.480	204	739197	38.95	ng		100
62) 4-Nitroaniline	10.504	138	458289	42.88	ng		97
63) Azobenzene	10.645	77	1637932	40.31	ng		97
65) 4,6-Dinitro-2-methylph...	10.533	198	237522	45.06	ng		98
66) n-Nitrosodiphenylamine	10.604	169	1380605	39.81	ng		98
67) 4-Bromophenyl-phenylether	10.974	248	498884	40.71	ng		97
68) Hexachlorobenzene	11.045	284	539871	41.07	ng		96
69) Atrazine	11.127	200	388006	40.51	ng		98
70) Pentachlorophenol	11.233	266	325493	45.69	ng		99
71) Phenanthrene	11.457	178	2276944	38.10	ng		99
72) Anthracene	11.510	178	2269575	39.59	ng		99
73) Carbazole	11.663	167	2113517	39.72	ng		100
74) Di-n-butylphthalate	11.998	149	2586362	41.00	ng		99
75) Fluoranthene	12.651	202	2347391	39.30	ng		98
77) Benzidine	12.768	184	944552	52.25	ng		100
78) Pyrene	12.880	202	2408293	39.93	ng		98
80) Butylbenzylphthalate	13.498	149	1165575	44.91	ng		97
81) Benzo(a)anthracene	14.074	228	2154475	39.85	ng		100
82) 3,3'-Dichlorobenzidine	14.033	252	766787	45.06	ng	#	99
83) Chrysene	14.109	228	2145575	39.65	ng		98
84) Bis(2-ethylhexyl)phtha...	14.062	149	1446408	41.95	ng		98
85) Di-n-octyl phthalate	14.680	149	2576409	44.49	ng		98
87) Indeno(1,2,3-cd)pyrene	17.068	276	2122558	41.35	ng		96
88) Benzo(b)fluoranthene	15.133	252	2334817	41.96	ng		98
89) Benzo(k)fluoranthene	15.168	252	1970765	38.12	ng		99
90) Benzo(a)pyrene	15.509	252	2007688	41.08	ng		99
91) Dibenzo(a,h)anthracene	17.092	278	1748908	41.39	ng		97
92) Benzo(g,h,i)perylene	17.527	276	1662332	40.60	ng		95

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

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