Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020421\
Data File : BF123107.D
Acq On : 4 Feb 2021 9:51
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Feb 04 10:31:40 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	6.892	152	242936	20.00	ng		0.00
21) Naphthalene-d8	8.181	136	901397	20.00	ng		0.00
39) Acenaphthene-d10	9.939	164	469441	20.00	ng		0.00
64) Phenanthrene-d10	11.427	188	837530	20.00	ng		0.00
76) Chrysene-d12	14.086	240	639588	20.00	ng		0.00
86) Perylene-d12	15.568	264	544715	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	1268018	80.51	ng		0.00
7) Phenol-d6	6.522	99	1680549	78.72	ng		0.00
23) Nitrobenzene-d5	7.457	82	1491119	83.25	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	451855	88.67	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	2571176	81.42	ng		0.00
79) Terphenyl-d14	13.021	244	2937920	90.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	316965	40.45	ng		95
3) Pyridine	3.434	79	826301	39.43	ng		94
4) n-Nitrosodimethylamine	3.387	42	339771	38.53	ng		93
6) Aniline	6.557	93	1022962	38.93	ng		100
8) 2-Chlorophenol	6.681	128	696757	40.81	ng		99
9) Benzaldehyde	6.445	77	408136	41.82	ng		100
10) Phenol	6.534	94	898190	42.43	ng		89
11) bis(2-Chloroethyl)ether	6.628	93	685558	38.91	ng		97
12) 1,3-Dichlorobenzene	6.839	146	802886	40.33	ng		99
13) 1,4-Dichlorobenzene	6.916	146	811383	39.13	ng		99
14) 1,2-Dichlorobenzene	7.069	146	752210	38.78	ng		98
15) Benzyl Alcohol	7.034	79	592551	39.59	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.169	45	1039100	38.25	ng		98
17) 2-Methylphenol	7.145	107	580683	39.98	ng		99
18) Hexachloroethane	7.410	117	297086	40.91	ng		96
19) n-Nitroso-di-n-propyla...	7.310	70	489123	38.10	ng		96
20) 3+4-Methylphenols	7.298	107	710090	41.50	ng		89
22) Acetophenone	7.304	105	926118	39.43	ng	#	98
24) Nitrobenzene	7.475	77	750857	40.69	ng		96
25) Isophorone	7.716	82	1282438	39.09	ng		99
26) 2-Nitrophenol	7.792	139	354291	46.43	ng		99
27) 2,4-Dimethylphenol	7.828	122	547650	39.77	ng		98
28) bis(2-Chloroethoxy)met...	7.928	93	874762	39.08	ng		99
29) 2,4-Dichlorophenol	8.034	162	595769	41.38	ng		97
30) 1,2,4-Trichlorobenzene	8.122	180	665090	41.00	ng		99
31) Naphthalene	8.204	128	1983274	40.11	ng		99
32) Benzoic acid	7.945	122	438580	40.41	ng		98
33) 4-Chloroaniline	8.245	127	863755	39.36	ng		97
34) Hexachlorobutadiene	8.322	225	396007	42.26	ng		99
35) Caprolactam	8.622	113	192842	39.63	ng		89
36) 4-Chloro-3-methylphenol	8.728	107	624970	41.74	ng		98
37) 2-Methylnaphthalene	8.892	142	1304168	39.73	ng		98
38) 1-Methylnaphthalene	8.992	142	1237225	39.81	ng		98
40) 1,2,4,5-Tetrachloroben...	9.063	216	616803	42.24	ng		100
41) Hexachlorocyclopentadiene	9.051	237	293295	42.31	ng		95
43) 2,4,6-Trichlorophenol	9.169	196	430548	43.00	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	440021	42.03	ng	98
46) 1,1'-Biphenyl	9.363	154	1572275	40.83	ng	98
47) 2-Chloronaphthalene	9.386	162	1313758	40.76	ng	99
48) 2-Nitroaniline	9.475	65	426660	43.67	ng	85
49) Acenaphthylene	9.804	152	1901010	40.30	ng	100
50) Dimethylphthalate	9.663	163	1494951	40.59	ng	100
51) 2,6-Dinitrotoluene	9.722	165	336112	42.84	ng	97
52) Acenaphthene	9.975	154	1219745	40.25	ng	98
53) 3-Nitroaniline	9.892	138	387244	41.74	ng	99
54) 2,4-Dinitrophenol	9.992	184	143240	43.35	ng	96
55) Dibenzofuran	10.145	168	1715504	38.90	ng	99
56) 4-Nitrophenol	10.039	139	280119	41.77	ng	85
57) 2,4-Dinitrotoluene	10.122	165	444929	43.61	ng	98
58) Fluorene	10.492	166	1291690	36.67	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	380150	42.82	ng	96
60) Diethylphthalate	10.363	149	1466112	40.48	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	660677	39.92	ng	99
62) 4-Nitroaniline	10.504	138	381164	40.89	ng	97
63) Azobenzene	10.645	77	1382455	39.01	ng	97
65) 4,6-Dinitro-2-methylph...	10.533	198	195110	42.81	ng	96
66) n-Nitrosodiphenylamine	10.598	169	1189227	39.39	ng	99
67) 4-Bromophenyl-phenylether	10.975	248	440911	41.34	ng	96
68) Hexachlorobenzene	11.045	284	482278	42.15	ng	95
69) Atrazine	11.127	200	347212	41.65	ng	98
70) Pentachlorophenol	11.233	266	274694	44.30	ng	97
71) Phenanthrene	11.457	178	1987427	38.21	ng	100
72) Anthracene	11.510	178	1973728	39.55	ng	100
73) Carbazole	11.663	167	1806688	39.01	ng	99
74) Di-n-butylphthalate	11.992	149	2196132	39.99	ng	100
75) Fluoranthene	12.651	202	2025874	38.97	ng	99
77) Benzidine	12.769	184	593466	41.00	ng	100
78) Pyrene	12.880	202	2054422	42.55	ng	100
80) Butylbenzylphthalate	13.498	149	945066	45.49	ng	98
81) Benzo(a)anthracene	14.074	228	1794979	41.47	ng	98
82) 3,3'-Dichlorobenzidine	14.033	252	599020	43.97	ng	98
83) Chrysene	14.110	228	1754463	40.50	ng	99
84) Bis(2-ethylhexyl)phtha...	14.063	149	1242715	45.02	ng	99
85) Di-n-octyl phthalate	14.680	149	2027450	43.73	ng	98
87) Indeno(1,2,3-cd)pyrene	17.068	276	1488990	41.05	ng	98
88) Benzo(b)fluoranthene	15.133	252	1581636	40.23	ng	100
89) Benzo(k)fluoranthene	15.162	252	1627594	44.55	ng	99
90) Benzo(a)pyrene	15.509	252	1455932	42.16	ng	100
91) Dibenzo(a,h)anthracene	17.092	278	1234483	41.35	ng	99
92) Benzo(g,h,i)perylene	17.527	276	1189025	41.10	ng	97

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

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