Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120820\
Data File : BF122585.D
Acq On : 8 Dec 2020 11:35
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 08 15:30:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 07 12:08:49 2020
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

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12/9/2020 12:26:29 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.840	152	163357	20.00	ng		0.00
21) Naphthalene-d8	8.128	136	588439	20.00	ng		0.00
39) Acenaphthene-d10	9.881	164	303215	20.00	ng		0.00
64) Phenanthrene-d10	11.363	188	543521	20.00	ng		0.00
76) Chrysene-d12	14.010	240	455420	20.00	ng		0.00
86) Perylene-d12	15.468	264	443895	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	844499	81.84	ng		0.00
7) Phenol-d6	6.475	99	1105205	80.76	ng		0.00
23) Nitrobenzene-d5	7.404	82	960527	81.78	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	321215	80.93	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	1689349	75.36	ng		0.00
79) Terphenyl-d14	12.951	244	2001273	76.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.587	88	202777	41.81	ng		99
3) Pyridine	3.334	79	542356	42.31	ng		100
4) n-Nitrosodimethylamine	3.287	42	210323	40.91	ng		100
6) Aniline	6.504	93	659878	40.96	ng		98
8) 2-Chlorophenol	6.628	128	465573	40.94	ng		98
9) Benzaldehyde	6.387	77	294421	35.55	ng		98
10) Phenol	6.487	94	576452	40.65	ng		92
11) bis(2-Chloroethyl)ether	6.575	93	444704	41.05	ng		98
12) 1,3-Dichlorobenzene	6.781	146	545256	40.52	ng		98
13) 1,4-Dichlorobenzene	6.857	146	555391	40.93	ng		98
14) 1,2-Dichlorobenzene	7.016	146	516296	39.42	ng		99
15) Benzyl Alcohol	6.981	79	386471	41.01	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.116	45	619447	40.10	ng		99
17) 2-Methylphenol	7.092	107	371699	41.11	ng		99
18) Hexachloroethane	7.357	117	196126	40.56	ng		95
19) n-Nitroso-di-n-propyla...	7.257	70	303493	38.72	ng		98
20) 3+4-Methylphenols	7.245	107	446042	39.05	ng		95
22) Acetophenone	7.251	105	584774	39.97	ng	#	97
24) Nitrobenzene	7.422	77	480966	41.17	ng		97
25) Isophorone	7.663	82	798074	39.45	ng		99
26) 2-Nitrophenol	7.739	139	241015	42.30	ng		96
27) 2,4-Dimethylphenol	7.775	122	342115	40.96	ng		99
28) bis(2-Chloroethoxy)met...	7.875	93	547019	39.49	ng		99
29) 2,4-Dichlorophenol	7.981	162	394984	40.50	ng		98
30) 1,2,4-Trichlorobenzene	8.069	180	447287	40.47	ng		97
31) Naphthalene	8.145	128	1303096	40.13	ng		99
32) Benzoic acid	7.904	122	252985	38.02	ng		96
33) 4-Chloroaniline	8.192	127	554964	40.88	ng		98
34) Hexachlorobutadiene	8.269	225	271971	39.99	ng		99
35) Caprolactam	8.569	113	120072	40.87	ng		98
36) 4-Chloro-3-methylphenol	8.675	107	388941	40.48	ng		99
37) 2-Methylnaphthalene	8.839	142	856208	39.86	ng		99
38) 1-Methylnaphthalene	8.939	142	812446	39.98	ng		98
40) 1,2,4,5-Tetrachloroben...	9.004	216	414525	41.27	ng		100
41) Hexachlorocyclopentadiene	8.992	237	169952	38.27	ng		98
43) 2,4,6-Trichlorophenol	9.116	196	281237	40.55	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.157	196	293264	40.90	ng		97
46) 1,1'-Biphenyl	9.304	154	1024570	40.71	ng		98
47) 2-Chloronaphthalene	9.328	162	852371	40.88	ng		98
48) 2-Nitroaniline	9.422	65	255178	41.98	ng		93
49) Acenaphthylene	9.745	152	1253584	40.71	ng		99
50) Dimethylphthalate	9.604	163	968363	39.99	ng		100
51) 2,6-Dinitrotoluene	9.663	165	214850	42.01	ng		93
52) Acenaphthene	9.916	154	800447m	40.17	ng		
53) 3-Nitroaniline	9.833	138	243517	41.21	ng		95
54) 2,4-Dinitrophenol	9.939	184	97434	38.97	ng		92
55) Dibenzofuran	10.086	168	1135630	40.52	ng		99
56) 4-Nitrophenol	9.992	139	173679	41.22	ng		94
57) 2,4-Dinitrotoluene	10.069	165	287177	42.15	ng	#	87
58) Fluorene	10.428	166	860881	38.62	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	255105	40.50	ng		99
60) Diethylphthalate	10.298	149	927481	39.38	ng		99
61) 4-Chlorophenyl-phenyle...	10.422	204	434380	39.58	ng		95
62) 4-Nitroaniline	10.445	138	248142	41.37	ng		99
63) Azobenzene	10.580	77	866005	40.00	ng		98
65) 4,6-Dinitro-2-methylph...	10.475	198	133680	40.33	ng		96
66) n-Nitrosodiphenylamine	10.539	169	773844	40.29	ng		99
67) 4-Bromophenyl-phenylether	10.910	248	297026	40.33	ng		94
68) Hexachlorobenzene	10.980	284	329959	40.53	ng	#	93
69) Atrazine	11.063	200	249431	39.99	ng		99
70) Pentachlorophenol	11.169	266	182161	42.23	ng		98
71) Phenanthrene	11.392	178	1312801	40.64	ng		99
72) Anthracene	11.439	178	1315463	41.07	ng		100
73) Carbazole	11.598	167	1198169	41.25	ng		98
74) Di-n-butylphthalate	11.927	149	1424882	39.04	ng		99
75) Fluoranthene	12.580	202	1374102	40.57	ng		98
77) Benzidine	12.698	184	495162	50.27	ng		100
78) Pyrene	12.810	202	1393525	39.58	ng		99
80) Butylbenzylphthalate	13.427	149	602310	37.98	ng		95
81) Benzo(a)anthracene	13.998	228	1229676	40.40	ng		98
82) 3,3'-Dichlorobenzidine	13.957	252	442725	40.61	ng		99
83) Chrysene	14.033	228	1218238	40.22	ng		99
84) Bis(2-ethylhexyl)phtha...	13.986	149	795479	36.63	ng		99
85) Di-n-octyl phthalate	14.598	149	1352671	37.55	ng		99
87) Indeno(1,2,3-cd)pyrene	16.921	276	1167527	40.07	ng		100
88) Benzo(b)fluoranthene	15.045	252	1207613	38.77	ng		99
89) Benzo(k)fluoranthene	15.074	252	1181445	41.49	ng		99
90) Benzo(a)pyrene	15.410	252	1098519	40.32	ng		99
91) Dibenzo(a,h)anthracene	16.939	278	960740	40.29	ng		99
92) Benzo(g,h,i)perylene	17.362	276	928928	40.25	ng		100

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

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