Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121120\
Data File : BF122657.D
Acq On : 11 Dec 2020 11:01
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Dec 11 13:18:06 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.840	152	138528	20.00	ng		0.00
21) Naphthalene-d8	8.128	136	487858	20.00	ng		0.00
39) Acenaphthene-d10	9.880	164	254514	20.00	ng		0.00
64) Phenanthrene-d10	11.363	188	436125	20.00	ng		0.00
76) Chrysene-d12	14.010	240	328879	20.00	ng		0.00
86) Perylene-d12	15.468	264	314882	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	723178	82.65	ng		0.00
7) Phenol-d6	6.475	99	940871	81.08	ng		0.00
23) Nitrobenzene-d5	7.404	82	802463	82.41	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	266206	79.91	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	1422585	75.60	ng		0.00
79) Terphenyl-d14	12.951	244	1576091	83.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.581	88	169675	41.26	ng		98
3) Pyridine	3.328	79	442872	40.74	ng		99
4) n-Nitrosodimethylamine	3.281	42	165750	38.02	ng		100
6) Aniline	6.504	93	554291	40.58	ng		98
8) 2-Chlorophenol	6.628	128	396672	41.13	ng		98
9) Benzaldehyde	6.393	77	253657	36.11	ng		97
10) Phenol	6.487	94	485924	40.41	ng		92
11) bis(2-Chloroethyl)ether	6.575	93	373119	40.62	ng		98
12) 1,3-Dichlorobenzene	6.781	146	460951	40.39	ng		97
13) 1,4-Dichlorobenzene	6.857	146	462614	40.20	ng		97
14) 1,2-Dichlorobenzene	7.016	146	431597	38.86	ng		99
15) Benzyl Alcohol	6.987	79	317149	39.69	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.116	45	500644	38.22	ng		98
17) 2-Methylphenol	7.098	107	307219	40.07	ng		99
18) Hexachloroethane	7.357	117	163342	39.83	ng		96
19) n-Nitroso-di-n-propyla...	7.257	70	250101	37.62	ng		99
20) 3+4-Methylphenols	7.251	107	377395	38.97	ng		91
22) Acetophenone	7.251	105	491858	40.55	ng	#	96
24) Nitrobenzene	7.428	77	396701	40.95	ng		96
25) Isophorone	7.663	82	660097	39.36	ng		100
26) 2-Nitrophenol	7.739	139	199016	42.13	ng		98
27) 2,4-Dimethylphenol	7.781	122	281231	40.61	ng		98
28) bis(2-Chloroethoxy)met...	7.875	93	463054	40.32	ng		99
29) 2,4-Dichlorophenol	7.987	162	331085	40.94	ng		97
30) 1,2,4-Trichlorobenzene	8.069	180	375996	41.04	ng		99
31) Naphthalene	8.151	128	1098733	40.81	ng		99
32) Benzoic acid	7.904	122	192097	34.82	ng		98
33) 4-Chloroaniline	8.198	127	458301	40.72	ng		98
34) Hexachlorobutadiene	8.263	225	230238	40.83	ng		99
35) Caprolactam	8.569	113	97438	40.01	ng		94
36) 4-Chloro-3-methylphenol	8.675	107	322476	40.48	ng		96
37) 2-Methylnaphthalene	8.839	142	717206	40.27	ng		99
38) 1-Methylnaphthalene	8.939	142	678282	40.26	ng		98
40) 1,2,4,5-Tetrachloroben...	9.004	216	346205	41.07	ng		99
41) Hexachlorocyclopentadiene	8.992	237	122799	32.95	ng		98
43) 2,4,6-Trichlorophenol	9.116	196	231212	39.71	ng		98
44) 2,4,5-Trichlorophenol	9.157	196	239198	39.75	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.304	154	852402	40.35	ng		99
47) 2-Chloronaphthalene	9.328	162	710283	40.59	ng		98
48) 2-Nitroaniline	9.422	65	204567	40.09	ng		93
49) Acenaphthylene	9.745	152	1045815	40.46	ng		99
50) Dimethylphthalate	9.604	163	795656	39.14	ng		100
51) 2,6-Dinitrotoluene	9.663	165	175740	40.94	ng		94
52) Acenaphthene	9.916	154	661315m	39.54	ng		
53) 3-Nitroaniline	9.833	138	200260	40.37	ng		96
54) 2,4-Dinitrophenol	9.945	184	74983	35.72	ng	#	89
55) Dibenzofuran	10.086	168	938350	39.89	ng		98
56) 4-Nitrophenol	9.992	139	124388	35.17	ng		89
57) 2,4-Dinitrotoluene	10.069	165	229964	40.22	ng		93
58) Fluorene	10.428	166	715131	38.22	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.204	232	207019	39.15	ng		100
60) Diethylphthalate	10.298	149	761431	38.51	ng		99
61) 4-Chlorophenyl-phenyle...	10.422	204	365553	39.68	ng		94
62) 4-Nitroaniline	10.445	138	200742	39.87	ng		96
63) Azobenzene	10.580	77	698506	38.44	ng		96
65) 4,6-Dinitro-2-methylph...	10.480	198	102416	38.51	ng		91
66) n-Nitrosodiphenylamine	10.539	169	631295	40.97	ng		99
67) 4-Bromophenyl-phenylether	10.910	248	243190	41.15	ng		94
68) Hexachlorobenzene	10.980	284	268905	41.16	ng		93
69) Atrazine	11.063	200	202376	40.44	ng		99
70) Pentachlorophenol	11.175	266	136926	39.56	ng		100
71) Phenanthrene	11.392	178	1057750	40.81	ng		99
72) Anthracene	11.439	178	1061401	41.30	ng		99
73) Carbazole	11.598	167	944960	40.54	ng		98
74) Di-n-butylphthalate	11.927	149	1147920	39.19	ng		98
75) Fluoranthene	12.580	202	1076798	39.62	ng		98
77) Benzidine	12.698	184	380538	53.49	ng		98
78) Pyrene	12.810	202	1083084	42.59	ng		98
80) Butylbenzylphthalate	13.421	149	459799	40.15	ng		99
81) Benzo(a)anthracene	13.998	228	928353	42.24	ng		98
82) 3,3'-Dichlorobenzidine	13.957	252	326419	41.47	ng		97
83) Chrysene	14.033	228	906670	41.45	ng		100
84) Bis(2-ethylhexyl)phtha...	13.986	149	612847	39.07	ng	#	98
85) Di-n-octyl phthalate	14.592	149	976111	37.52	ng		98
87) Indeno(1,2,3-cd)pyrene	16.927	276	895074	43.30	ng		100
88) Benzo(b)fluoranthene	15.045	252	872585	39.50	ng		99
89) Benzo(k)fluoranthene	15.074	252	838394	41.50	ng		98
90) Benzo(a)pyrene	15.410	252	786199	40.68	ng		99
91) Dibenzo(a,h)anthracene	16.945	278	731510	43.24	ng		98
92) Benzo(g,h,i)perylene	17.368	276	725978	44.34	ng		99

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

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