Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120920\
Data File : BF122605.D
Acq On : 9 Dec 2020 10:14
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Dec 09 13:48:42 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	6.839	152	174789	20.00	ng		0.00
21) Naphthalene-d8	8.128	136	628726	20.00	ng		0.00
39) Acenaphthene-d10	9.880	164	321131	20.00	ng		0.00
64) Phenanthrene-d10	11.363	188	553786	20.00	ng		0.00
76) Chrysene-d12	14.004	240	412901	20.00	ng		0.00
86) Perylene-d12	15.462	264	380109	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	879924	79.70	ng		0.00
7) Phenol-d6	6.475	99	1093978	74.71	ng		0.00
23) Nitrobenzene-d5	7.404	82	886286	70.63	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	314138	74.73	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	1619870	68.23	ng		0.00
79) Terphenyl-d14	12.951	244	1702013	72.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.593	88	193960	37.38	ng		99
3) Pyridine	3.334	79	505060	36.82	ng		99
4) n-Nitrosodimethylamine	3.287	42	204297	37.14	ng		100
6) Aniline	6.504	93	699855	40.60	ng		100
8) 2-Chlorophenol	6.628	128	461791	37.95	ng		97
9) Benzaldehyde	6.392	77	344487	38.87	ng		99
10) Phenol	6.487	94	576334	37.99	ng		94
11) bis(2-Chloroethyl)ether	6.581	93	436468	37.65	ng		98
12) 1,3-Dichlorobenzene	6.781	146	526255	36.55	ng		97
13) 1,4-Dichlorobenzene	6.857	146	529693	36.48	ng		97
14) 1,2-Dichlorobenzene	7.016	146	487977	34.82	ng		99
15) Benzyl Alcohol	6.987	79	375212	37.22	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	572626	34.64	ng		99
17) 2-Methylphenol	7.098	107	369231	38.17	ng		98
18) Hexachloroethane	7.357	117	185101	35.78	ng		97
19) n-Nitroso-di-n-propyla...	7.257	70	297555	35.48	ng		98
20) 3+4-Methylphenols	7.251	107	440590	36.05	ng	#	89
22) Acetophenone	7.251	105	584190	37.37	ng	#	95
24) Nitrobenzene	7.428	77	471844	37.80	ng		96
25) Isophorone	7.663	82	816512	37.78	ng		100
26) 2-Nitrophenol	7.739	139	240603	39.52	ng		97
27) 2,4-Dimethylphenol	7.781	122	387671	43.44	ng		99
28) bis(2-Chloroethoxy)met...	7.875	93	528397	35.70	ng		100
29) 2,4-Dichlorophenol	7.986	162	388117	37.24	ng		98
30) 1,2,4-Trichlorobenzene	8.069	180	418663	35.46	ng		98
31) Naphthalene	8.145	128	1286403	37.08	ng		100
32) Benzoic acid	7.904	122	227958	32.06	ng		98
33) 4-Chloroaniline	8.192	127	540682	37.28	ng		97
34) Hexachlorobutadiene	8.269	225	254435	35.01	ng		98
35) Caprolactam	8.569	113	110973	35.35	ng		99
36) 4-Chloro-3-methylphenol	8.675	107	383197	37.33	ng		98
37) 2-Methylnaphthalene	8.839	142	857071	37.34	ng		99
38) 1-Methylnaphthalene	8.939	142	788603	36.32	ng		99
40) 1,2,4,5-Tetrachloroben...	9.004	216	411877	38.72	ng		100
41) Hexachlorocyclopentadiene	8.992	237	212390	45.16	ng		95
43) 2,4,6-Trichlorophenol	9.116	196	264406	35.99	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.157	196	283700	37.36	ng		97
46) 1,1'-Biphenyl	9.304	154	1022281	38.36	ng		98
47) 2-Chloronaphthalene	9.328	162	800055	36.23	ng		99
48) 2-Nitroaniline	9.422	65	223154	34.66	ng		93
49) Acenaphthylene	9.745	152	1214179	37.23	ng		100
50) Dimethylphthalate	9.604	163	909363	35.46	ng		100
51) 2,6-Dinitrotoluene	9.663	165	204027	37.67	ng		93
52) Acenaphthene	9.916	154	722582	34.24	ng		99
53) 3-Nitroaniline	9.833	138	212630	33.97	ng		95
54) 2,4-Dinitrophenol	9.939	184	93464	35.29	ng		96
55) Dibenzofuran	10.086	168	1099374	37.04	ng		98
56) 4-Nitrophenol	9.992	139	155180	34.77	ng		94
57) 2,4-Dinitrotoluene	10.069	165	269348	37.33	ng		91
58) Fluorene	10.427	166	834231	35.34	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.204	232	233319	34.97	ng		99
60) Diethylphthalate	10.298	149	864235	34.65	ng		100
61) 4-Chlorophenyl-phenyle...	10.422	204	411628	35.41	ng		95
62) 4-Nitroaniline	10.445	138	210176	33.08	ng		95
63) Azobenzene	10.580	77	827580	36.09	ng		98
65) 4,6-Dinitro-2-methylph...	10.475	198	136030	40.28	ng		95
66) n-Nitrosodiphenylamine	10.539	169	751769	38.42	ng		99
67) 4-Bromophenyl-phenylether	10.910	248	274388	36.56	ng		94
68) Hexachlorobenzene	10.980	284	300302	36.20	ng	#	92
69) Atrazine	11.063	200	222581	35.03	ng		99
70) Pentachlorophenol	11.169	266	164127	37.34	ng		99
71) Phenanthrene	11.392	178	1216697	36.97	ng		98
72) Anthracene	11.439	178	1254599	38.44	ng		99
73) Carbazole	11.598	167	1105446	37.35	ng		98
74) Di-n-butylphthalate	11.927	149	1267717	34.09	ng		99
75) Fluoranthene	12.580	202	1211796	35.11	ng		97
77) Benzidine	12.698	184	395221	44.25	ng		99
78) Pyrene	12.810	202	1225659	38.39	ng		99
80) Butylbenzylphthalate	13.421	149	490198	34.09	ng		98
81) Benzo(a)anthracene	13.992	228	1001021	36.28	ng		98
82) 3,3'-Dichlorobenzidine	13.957	252	394662	39.93	ng		100
83) Chrysene	14.033	228	1016898	37.03	ng		100
84) Bis(2-ethylhexyl)phtha...	13.986	149	660521	33.54	ng	#	99
85) Di-n-octyl phthalate	14.598	149	1073111	32.85	ng		99
87) Indeno(1,2,3-cd)pyrene	16.927	276	994817	39.87	ng		100
88) Benzo(b)fluoranthene	15.039	252	981361	36.80	ng		98
89) Benzo(k)fluoranthene	15.068	252	910784	37.35	ng		99
90) Benzo(a)pyrene	15.404	252	852078	36.52	ng		100
91) Dibenzo(a,h)anthracene	16.939	278	815673	39.94	ng		98
92) Benzo(g,h,i)perylene	17.362	276	833527	42.17	ng		100

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

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