Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122120\
Data File : BF122807.D
Acq On : 21 Dec 2020 19:03
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Quant Time: Dec 21 23:49:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 18:14:23 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.822	152	209114	20.00	ng		0.00
21) Naphthalene-d8	8.104	136	762563	20.00	ng		0.00
39) Acenaphthene-d10	9.863	164	405501	20.00	ng		0.00
64) Phenanthrene-d10	11.345	188	742449	20.00	ng		0.00
76) Chrysene-d12	13.992	240	556346	20.00	ng		0.00
86) Perylene-d12	15.445	264	516147	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.439	112	975289	73.84	ng		0.00
7) Phenol-d6	6.463	99	1304046	74.44	ng		0.00
23) Nitrobenzene-d5	7.392	82	1351947	88.83	ng		0.00
42) 2,4,6-Tribromophenol	10.657	330	401407	75.63	ng		0.00
45) 2-Fluorobiphenyl	9.186	172	2263893	75.51	ng		0.00
79) Terphenyl-d14	12.939	244	2675650	84.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.569	88	242410	39.05	ng		97
3) Pyridine	3.310	79	648358	39.51	ng		98
4) n-Nitrosodimethylamine	3.275	42	244358	37.13	ng		98
6) Aniline	6.487	93	789348	38.28	ng		99
8) 2-Chlorophenol	6.610	128	554736	38.10	ng		98
9) Benzaldehyde	6.369	77	408313	38.51	ng		99
10) Phenol	6.475	94	671256	36.98	ng		95
11) bis(2-Chloroethyl)ether	6.563	93	542756	39.14	ng		98
12) 1,3-Dichlorobenzene	6.763	146	633809	36.79	ng		99
13) 1,4-Dichlorobenzene	6.839	146	639745	36.83	ng		99
14) 1,2-Dichlorobenzene	6.992	146	575530	34.32	ng		98
15) Benzyl Alcohol	6.969	79	446326	37.00	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.098	45	692437	35.02	ng		95
17) 2-Methylphenol	7.081	107	463156	40.02	ng		98
18) Hexachloroethane	7.333	117	231532	37.40	ng		98
19) n-Nitroso-di-n-propyla...	7.245	70	366508	36.52	ng		98
20) 3+4-Methylphenols	7.239	107	515059	35.23	ng		94
22) Acetophenone	7.239	105	693400	36.57	ng	#	97
24) Nitrobenzene	7.410	77	564507	37.28	ng		99
25) Isophorone	7.651	82	1000664	38.17	ng		98
26) 2-Nitrophenol	7.722	139	305722	41.40	ng		95
27) 2,4-Dimethylphenol	7.763	122	417549	38.58	ng		98
28) bis(2-Chloroethoxy)met...	7.857	93	672214	37.44	ng		100
29) 2,4-Dichlorophenol	7.969	162	479403	37.93	ng		99
30) 1,2,4-Trichlorobenzene	8.051	180	531225	37.09	ng		98
31) Naphthalene	8.128	128	1556202	36.98	ng		99
32) Benzoic acid	7.916	122	352859	40.92	ng		96
33) 4-Chloroaniline	8.181	127	674006	38.31	ng		98
34) Hexachlorobutadiene	8.245	225	321263	36.45	ng		100
35) Caprolactam	8.569	113	152743	40.12	ng		99
36) 4-Chloro-3-methylphenol	8.663	107	487104	39.12	ng		97
37) 2-Methylnaphthalene	8.822	142	1025997	36.86	ng		99
38) 1-Methylnaphthalene	8.922	142	965896	36.68	ng		99
40) 1,2,4,5-Tetrachloroben...	8.986	216	497602	37.05	ng		99
41) Hexachlorocyclopentadiene	8.975	237	266779	44.92	ng		99
43) 2,4,6-Trichlorophenol	9.098	196	348415	37.56	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	364495	38.01	ng		97
46) 1,1'-Biphenyl	9.286	154	1217113	36.17	ng		99
47) 2-Chloronaphthalene	9.310	162	1029970	36.94	ng		100
48) 2-Nitroaniline	9.410	65	313963	38.62	ng		99
49) Acenaphthylene	9.727	152	1506310	36.57	ng		99
50) Dimethylphthalate	9.592	163	1235384	38.15	ng		100
51) 2,6-Dinitrotoluene	9.651	165	274071	40.07	ng		96
52) Acenaphthene	9.898	154	907534	34.06	ng		99
53) 3-Nitroaniline	9.822	138	309349	39.14	ng		95
54) 2,4-Dinitrophenol	9.933	184	138328	41.37	ng	#	87
55) Dibenzofuran	10.069	168	1344557	35.87	ng		100
56) 4-Nitrophenol	9.986	139	211203	37.48	ng		96
57) 2,4-Dinitrotoluene	10.057	165	353346	38.78	ng		98
58) Fluorene	10.410	166	1026401	34.43	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.186	232	311735	37.01	ng		100
60) Diethylphthalate	10.286	149	1148475	36.46	ng		100
61) 4-Chlorophenyl-phenyle...	10.404	204	514819	35.07	ng		97
62) 4-Nitroaniline	10.439	138	325058	40.52	ng		96
63) Azobenzene	10.563	77	1040055	35.92	ng		97
65) 4,6-Dinitro-2-methylph...	10.469	198	189049	41.76	ng		99
66) n-Nitrosodiphenylamine	10.522	169	960586	36.62	ng		99
67) 4-Bromophenyl-phenylether	10.892	248	370270	36.80	ng		96
68) Hexachlorobenzene	10.963	284	410771	36.93	ng		97
69) Atrazine	11.051	200	272626	32.00	ng		99
70) Pentachlorophenol	11.157	266	217897	36.98	ng		99
71) Phenanthrene	11.374	178	1567135	35.52	ng		100
72) Anthracene	11.427	178	1589588	36.33	ng		100
73) Carbazole	11.580	167	1465210	36.92	ng		100
74) Di-n-butylphthalate	11.910	149	1705528	34.21	ng		99
75) Fluoranthene	12.563	202	1629440	35.22	ng		100
77) Benzidine	12.680	184	491071	40.81	ng		99
78) Pyrene	12.792	202	1646023	38.27	ng		100
80) Butylbenzylphthalate	13.404	149	716512	36.98	ng		98
81) Benzo(a)anthracene	13.980	228	1420664	38.21	ng		99
82) 3,3'-Dichlorobenzidine	13.945	252	515954	38.74	ng		99
83) Chrysene	14.021	228	1383427	37.39	ng		99
84) Bis(2-ethylhexyl)phtha...	13.962	149	912146	34.38	ng		99
85) Di-n-octyl phthalate	14.580	149	1474322	33.50	ng		98
87) Indeno(1,2,3-cd)pyrene	16.903	276	1245505	36.76	ng		100
88) Benzo(b)fluoranthene	15.027	252	1310976	36.20	ng		98
89) Benzo(k)fluoranthene	15.057	252	1303694	39.37	ng		100
90) Benzo(a)pyrene	15.392	252	1206290	38.07	ng		100
91) Dibenzo(a,h)anthracene	16.915	278	1026547	37.02	ng		99
92) Benzo(g,h,i)perylene	17.339	276	979880	36.51	ng		99

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

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