Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043021\
Data File : BF123765.D
Acq On : 30 Apr 2021 8:43
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Apr 30 11:16:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 30 11:10:41 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.810	152	257452	20.00	ng		0.00
21) Naphthalene-d8	8.098	136	925148	20.00	ng		0.00
39) Acenaphthene-d10	9.851	164	454371	20.00	ng		0.00
64) Phenanthrene-d10	11.339	188	858556	20.00	ng		0.00
76) Chrysene-d12	13.980	240	658056	20.00	ng		# 0.00
86) Perylene-d12	15.439	264	496507	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	1249451	76.89	ng		0.00
7) Phenol-d6	6.445	99	1716556	76.68	ng		0.00
23) Nitrobenzene-d5	7.375	82	1629539	79.51	ng		0.00
42) 2,4,6-Tribromophenol	10.639	330	443088	78.33	ng		0.00
45) 2-Fluorobiphenyl	9.175	172	2389238	76.58	ng		0.00
79) Terphenyl-d14	12.927	244	2637463	77.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.516	88	340033	38.84	ng		98
3) Pyridine	3.246	79	873575	40.83	ng		96
4) n-Nitrosodimethylamine	3.205	42	482501	40.94	ng		96
6) Aniline	6.475	93	1004135	38.78	ng		99
8) 2-Chlorophenol	6.598	128	688173	39.37	ng		98
9) Benzaldehyde	6.357	77	422423	38.99	ng		99
10) Phenol	6.463	94	935841	38.92	ng		85
11) bis(2-Chloroethyl)ether	6.545	93	671867	38.27	ng		98
12) 1,3-Dichlorobenzene	6.751	146	690988	39.12	ng		96
13) 1,4-Dichlorobenzene	6.828	146	695432	38.92	ng		98
14) 1,2-Dichlorobenzene	6.981	146	644736	37.16	ng		97
15) Benzyl Alcohol	6.951	79	683554	38.95	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.087	45	1460318	39.11	ng		99
17) 2-Methylphenol	7.069	107	580307	38.96	ng		98
18) Hexachloroethane	7.322	117	276474	39.09	ng		96
19) n-Nitroso-di-n-propyla...	7.228	70	532782	38.54	ng		99
20) 3+4-Methylphenols	7.222	107	699306	36.89	ng	#	81
22) Acetophenone	7.222	105	988830	39.32	ng		92
24) Nitrobenzene	7.392	77	838788	39.29	ng		97
25) Isophorone	7.634	82	1508814	39.26	ng		99
26) 2-Nitrophenol	7.710	139	350670	40.25	ng		100
27) 2,4-Dimethylphenol	7.751	122	531752	38.86	ng		96
28) bis(2-Chloroethoxy)met...	7.845	93	757201	38.67	ng		99
29) 2,4-Dichlorophenol	7.957	162	527459	39.11	ng		96
30) 1,2,4-Trichlorobenzene	8.040	180	547932	38.77	ng		99
31) Naphthalene	8.116	128	1868065	39.21	ng		99
32) Benzoic acid	7.881	122	302619	35.14	ng		95
33) 4-Chloroaniline	8.169	127	771122	38.79	ng		96
34) Hexachlorobutadiene	8.239	225	346424	40.22	ng		99
35) Caprolactam	8.539	113	188914	39.89	ng		93
36) 4-Chloro-3-methylphenol	8.651	107	668355	39.72	ng		97
37) 2-Methylnaphthalene	8.810	142	1220232	39.30	ng		96
38) 1-Methylnaphthalene	8.910	142	1139438	39.05	ng		98
40) 1,2,4,5-Tetrachloroben...	8.975	216	525600	39.31	ng		99
41) Hexachlorocyclopentadiene	8.963	237	226403	42.69	ng		99
43) 2,4,6-Trichlorophenol	9.086	196	370016	40.17	ng		98

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44) 2,4,5-Trichlorophenol	9.128	196	388876	39.35	ng		98
46) 1,1'-Biphenyl	9.275	154	1440415	38.70	ng		99
47) 2-Chloronaphthalene	9.298	162	1093880	38.97	ng		98
48) 2-Nitroaniline	9.392	65	487420	39.42	ng		94
49) Acenaphthylene	9.716	152	1790333	39.52	ng		99
50) Dimethylphthalate	9.575	163	1247712	38.99	ng		99
51) 2,6-Dinitrotoluene	9.634	165	298240	40.31	ng		97
52) Acenaphthene	9.886	154	1068606	38.71	ng		100
53) 3-Nitroaniline	9.804	138	344681	39.01	ng		94
54) 2,4-Dinitrophenol	9.910	184	150625	38.33	ng		97
55) Dibenzofuran	10.057	168	1626463	38.96	ng		99
56) 4-Nitrophenol	9.969	139	253877	39.44	ng		94
57) 2,4-Dinitrotoluene	10.039	165	395575	39.21	ng	#	88
58) Fluorene	10.398	166	1247632	38.89	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.175	232	309353	39.54	ng		98
60) Diethylphthalate	10.275	149	1343463	39.44	ng		98
61) 4-Chlorophenyl-phenyle...	10.392	204	578162	38.67	ng		97
62) 4-Nitroaniline	10.422	138	339506	38.77	ng		95
63) Azobenzene	10.551	77	1525750	38.96	ng		97
65) 4,6-Dinitro-2-methylph...	10.451	198	218006	40.98	ng		87
66) n-Nitrosodiphenylamine	10.510	169	1115512	39.72	ng		100
67) 4-Bromophenyl-phenylether	10.881	248	368152	40.72	ng		96
68) Hexachlorobenzene	10.951	284	419008	40.72	ng		93
69) Atrazine	11.039	200	338913	39.92	ng		97
70) Pentachlorophenol	11.145	266	210196	40.08	ng		96
71) Phenanthrene	11.363	178	1785716	39.65	ng		99
72) Anthracene	11.416	178	1778099	39.71	ng		99
73) Carbazole	11.569	167	1785197	39.45	ng		99
74) Di-n-butylphthalate	11.904	149	2015721	39.67	ng		99
75) Fluoranthene	12.551	202	1930239	39.30	ng		98
77) Benzidine	12.669	184	593734	34.84	ng		99
78) Pyrene	12.780	202	1982983	38.82	ng		99
80) Butylbenzylphthalate	13.404	149	852604	39.07	ng		93
81) Benzo(a)anthracene	13.974	228	1558295	39.08	ng		98
82) 3,3'-Dichlorobenzidine	13.933	252	480097	39.20	ng		99
83) Chrysene	14.010	228	1559752	38.88	ng		98
84) Bis(2-ethylhexyl)phtha...	13.963	149	1054198	38.89	ng		99
85) Di-n-octyl phthalate	14.580	149	1685318	38.88	ng		99
87) Indeno(1,2,3-cd)pyrene	16.886	276	1091484	37.75	ng		100
88) Benzo(b)fluoranthene	15.016	252	1297288	38.77	ng		99
89) Benzo(k)fluoranthene	15.045	252	1325046	41.50	ng		99
90) Benzo(a)pyrene	15.374	252	1130572	39.51	ng		99
91) Dibenzo(a,h)anthracene	16.898	278	929058	38.05	ng		96
92) Benzo(g,h,i)perylene	17.321	276	911746	37.29	ng		99

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

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