Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050521\
Data File : BF123823.D
Acq On : 5 May 2021 12:41
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: May 05 13:10:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 05 13:09:28 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.798	152	266530	20.00	ng		0.00
21) Naphthalene-d8	8.081	136	968860	20.00	ng		# 0.00
39) Acenaphthene-d10	9.839	164	476086	20.00	ng		0.00
64) Phenanthrene-d10	11.328	188	873081	20.00	ng		0.00
76) Chrysene-d12	13.974	240	621509	20.00	ng		0.00
86) Perylene-d12	15.427	264	466594	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.410	112	1320491	78.49	ng		0.00
7) Phenol-d6	6.440	99	1825545	78.77	ng		0.00
23) Nitrobenzene-d5	7.363	82	1688739	78.68	ng		0.00
42) 2,4,6-Tribromophenol	10.633	330	446648	75.36	ng		0.00
45) 2-Fluorobiphenyl	9.163	172	2491641	76.22	ng		0.00
79) Terphenyl-d14	12.916	244	2567317	79.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.487	88	361654	39.91	ng		95
3) Pyridine	3.216	79	918120	41.45	ng		92
4) n-Nitrosodimethylamine	3.169	42	489603	40.13	ng		90
6) Aniline	6.463	93	1044018	38.95	ng		99
8) 2-Chlorophenol	6.587	128	725026	40.06	ng		98
9) Benzaldehyde	6.346	77	438976	39.13	ng		99
10) Phenol	6.451	94	965348	38.78	ng	#	77
11) bis(2-Chloroethyl)ether	6.534	93	715470	39.36	ng		100
12) 1,3-Dichlorobenzene	6.740	146	716484	39.18	ng		95
13) 1,4-Dichlorobenzene	6.816	146	729644	39.44	ng		96
14) 1,2-Dichlorobenzene	6.969	146	676083	37.64	ng		98
15) Benzyl Alcohol	6.940	79	714413	39.32	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	1463628	37.86	ng		98
17) 2-Methylphenol	7.057	107	605372	39.26	ng		99
18) Hexachloroethane	7.310	117	283846	38.76	ng		96
19) n-Nitroso-di-n-propyla...	7.216	70	554243	38.73	ng		97
20) 3+4-Methylphenols	7.216	107	732970	37.35	ng		94
22) Acetophenone	7.210	105	1027180	39.00	ng		96
24) Nitrobenzene	7.381	77	884858	39.58	ng		95
25) Isophorone	7.622	82	1556841	38.69	ng		99
26) 2-Nitrophenol	7.698	139	376640	41.28	ng		97
27) 2,4-Dimethylphenol	7.740	122	572220	39.93	ng		96
28) bis(2-Chloroethoxy)met...	7.834	93	789992	38.52	ng		100
29) 2,4-Dichlorophenol	7.945	162	562593	39.83	ng		97
30) 1,2,4-Trichlorobenzene	8.028	180	575798	38.90	ng		98
31) Naphthalene	8.104	128	1948149	39.05	ng		100
32) Benzoic acid	7.875	122	339607	36.02	ng		94
33) 4-Chloroaniline	8.157	127	831492	39.94	ng		94
34) Hexachlorobutadiene	8.222	225	348540	38.64	ng		98
35) Caprolactam	8.534	113	196090	39.54	ng	#	82
36) 4-Chloro-3-methylphenol	8.645	107	697966	39.61	ng		93
37) 2-Methylnaphthalene	8.798	142	1267313	38.98	ng		99
38) 1-Methylnaphthalene	8.898	142	1209388	39.58	ng		98
40) 1,2,4,5-Tetrachloroben...	8.963	216	547326	39.06	ng		99
41) Hexachlorocyclopentadiene	8.951	237	192541	33.46	ng		99
43) 2,4,6-Trichlorophenol	9.075	196	387930	40.20	ng		96

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44) 2,4,5-Trichlorophenol	9.122	196	413016	39.89	ng		96
46) 1,1'-Biphenyl	9.263	154	1496759	38.37	ng		99
47) 2-Chloronaphthalene	9.286	162	1142365	38.85	ng		99
48) 2-Nitroaniline	9.381	65	513031	39.60	ng		92
49) Acenaphthylene	9.704	152	1857431	39.13	ng		100
50) Dimethylphthalate	9.563	163	1280953	38.20	ng		99
51) 2,6-Dinitrotoluene	9.628	165	306709	39.56	ng		87
52) Acenaphthene	9.875	154	1101180	38.07	ng		98
53) 3-Nitroaniline	9.798	138	359179	38.79	ng		95
54) 2,4-Dinitrophenol	9.904	184	158506	38.50	ng		94
55) Dibenzofuran	10.045	168	1666796	38.10	ng		99
56) 4-Nitrophenol	9.969	139	271811	40.31	ng		88
57) 2,4-Dinitrotoluene	10.033	165	410850	38.87	ng	#	98
58) Fluorene	10.392	166	1284460	38.21	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	321068	39.16	ng		95
60) Diethylphthalate	10.263	149	1311697	36.75	ng		98
61) 4-Chlorophenyl-phenyle...	10.381	204	593194	37.86	ng		96
62) 4-Nitroaniline	10.410	138	361426	39.39	ng		99
63) Azobenzene	10.539	77	1506806	36.72	ng		97
65) 4,6-Dinitro-2-methylph...	10.439	198	232090	42.90	ng		93
66) n-Nitrosodiphenylamine	10.504	169	1136503	39.79	ng		99
67) 4-Bromophenyl-phenylether	10.875	248	366536	39.87	ng		93
68) Hexachlorobenzene	10.939	284	413677	39.53	ng		98
69) Atrazine	11.033	200	334314	38.72	ng		97
70) Pentachlorophenol	11.133	266	214611	40.24	ng		98
71) Phenanthrene	11.351	178	1797151	39.24	ng		99
72) Anthracene	11.404	178	1810951	39.77	ng		99
73) Carbazole	11.563	167	1813395	39.40	ng		99
74) Di-n-butylphthalate	11.892	149	1919414	37.15	ng		99
75) Fluoranthene	12.545	202	1926960	38.58	ng		99
77) Benzidine	12.663	184	640336	39.79	ng		99
78) Pyrene	12.774	202	1958509	40.60	ng		99
80) Butylbenzylphthalate	13.392	149	813730	39.48	ng		100
81) Benzo(a)anthracene	13.963	228	1474992	39.16	ng		99
82) 3,3'-Dichlorobenzidine	13.927	252	461657	39.91	ng		98
83) Chrysene	14.004	228	1490285	39.33	ng		100
84) Bis(2-ethylhexyl)phtha...	13.957	149	971865	37.96	ng		100
85) Di-n-octyl phthalate	14.568	149	1544495	37.73	ng		98
87) Indeno(1,2,3-cd)pyrene	16.880	276	1201472	44.21	ng		98
88) Benzo(b)fluoranthene	15.010	252	1192333	37.92	ng		98
89) Benzo(k)fluoranthene	15.039	252	1161393	38.70	ng		98
90) Benzo(a)pyrene	15.368	252	1076714	40.04	ng		98
91) Dibenzo(a,h)anthracene	16.892	278	999517	43.57	ng		97
92) Benzo(g,h,i)perylene	17.315	276	1050481	45.72	ng		95

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

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