Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042621\
Data File : BF123739.D
Acq On : 26 Apr 2021 18:27
Operator : JU/CG
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF042621

Quant Time: Apr 26 19:05:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 26 19:04:46 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.810	152	248605	20.00	ng		0.00
21) Naphthalene-d8	8.098	136	909007	20.00	ng		0.00
39) Acenaphthene-d10	9.851	164	458089	20.00	ng		0.00
64) Phenanthrene-d10	11.339	188	882575	20.00	ng		0.00
76) Chrysene-d12	13.980	240	672348	20.00	ng	#	0.00
86) Perylene-d12	15.433	264	532975	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	1241578	75.66	ng		0.00
7) Phenol-d6	6.445	99	1684297	74.33	ng		0.00
23) Nitrobenzene-d5	7.375	82	1619398	77.19	ng		0.00
42) 2,4,6-Tribromophenol	10.645	330	443976	73.68	ng		0.00
45) 2-Fluorobiphenyl	9.175	172	2320939	75.34	ng		0.00
79) Terphenyl-d14	12.927	244	2616434	71.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.505	88	334339	37.87	ng		98
3) Pyridine	3.234	79	860300	39.57	ng		93
4) n-Nitrosodimethylamine	3.187	42	456783	38.15	ng		96
6) Aniline	6.475	93	1009458	38.33	ng		99
8) 2-Chlorophenol	6.598	128	674733	37.91	ng		99
9) Benzaldehyde	6.357	77	403820	37.05	ng		100
10) Phenol	6.463	94	923904	36.40	ng		84
11) bis(2-Chloroethyl)ether	6.545	93	679791	38.14	ng		100
12) 1,3-Dichlorobenzene	6.751	146	679909	37.47	ng		97
13) 1,4-Dichlorobenzene	6.828	146	679005	37.25	ng		97
14) 1,2-Dichlorobenzene	6.981	146	628028	35.41	ng		98
15) Benzyl Alcohol	6.951	79	678591	37.76	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.087	45	1442571	38.06	ng		99
17) 2-Methylphenol	7.069	107	569557	37.22	ng		99
18) Hexachloroethane	7.322	117	277352	37.87	ng		94
19) n-Nitroso-di-n-propyla...	7.228	70	523228	36.50	ng		98
20) 3+4-Methylphenols	7.222	107	691297	38.98	ng	#	80
22) Acetophenone	7.222	105	952448	36.86	ng		94
24) Nitrobenzene	7.392	77	832274	38.04	ng		95
25) Isophorone	7.634	82	1472601	37.01	ng		99
26) 2-Nitrophenol	7.710	139	351965	38.83	ng		99
27) 2,4-Dimethylphenol	7.751	122	536142	37.95	ng		96
28) bis(2-Chloroethoxy)met...	7.845	93	760190	37.49	ng		99
29) 2,4-Dichlorophenol	7.957	162	526853	38.23	ng		98
30) 1,2,4-Trichlorobenzene	8.039	180	545559	37.62	ng		99
31) Naphthalene	8.116	128	1834174	37.34	ng		99
32) Benzoic acid	7.875	122	340886	38.73	ng		96
33) 4-Chloroaniline	8.169	127	772810	37.35	ng		97
34) Hexachlorobutadiene	8.239	225	332387	37.41	ng		98
35) Caprolactam	8.539	113	188743	38.69	ng		96
36) 4-Chloro-3-methylphenol	8.651	107	660027	38.04	ng		97
37) 2-Methylnaphthalene	8.810	142	1184956	36.98	ng		98
38) 1-Methylnaphthalene	8.910	142	1118613	36.91	ng		98
40) 1,2,4,5-Tetrachloroben...	8.975	216	512471	36.74	ng		99
41) Hexachlorocyclopentadiene	8.963	237	217452	40.27	ng		98
43) 2,4,6-Trichlorophenol	9.086	196	371854	38.09	ng		95

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44) 2,4,5-Trichlorophenol	9.128	196	385203	36.98	ng		98
46) 1,1'-Biphenyl	9.275	154	1417735	36.72	ng		97
47) 2-Chloronaphthalene	9.298	162	1083257	36.95	ng		99
48) 2-Nitroaniline	9.392	65	484876	37.65	ng		94
49) Acenaphthylene	9.716	152	1764336	36.89	ng		99
50) Dimethylphthalate	9.575	163	1234064	36.79	ng		99
51) 2,6-Dinitrotoluene	9.639	165	294775	37.22	ng	#	83
52) Acenaphthene	9.886	154	1065637	36.85	ng		99
53) 3-Nitroaniline	9.804	138	345959	37.53	ng		99
54) 2,4-Dinitrophenol	9.910	184	166848	41.72	ng		98
55) Dibenzofuran	10.057	168	1607966	36.86	ng		99
56) 4-Nitrophenol	9.969	139	265567	38.53	ng		95
57) 2,4-Dinitrotoluene	10.039	165	395491	37.12	ng		89
58) Fluorene	10.398	166	1224915	36.42	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.175	232	310681	37.10	ng		97
60) Diethylphthalate	10.275	149	1334674	37.14	ng		98
61) 4-Chlorophenyl-phenyle...	10.392	204	562982	36.13	ng		99
62) 4-Nitroaniline	10.422	138	343734	37.36	ng		97
63) Azobenzene	10.551	77	1504293	36.70	ng		97
65) 4,6-Dinitro-2-methylph...	10.451	198	230927	39.12	ng		84
66) n-Nitrosodiphenylamine	10.510	169	1104502	36.66	ng		99
67) 4-Bromophenyl-phenylether	10.880	248	361624	36.53	ng		93
68) Hexachlorobenzene	10.951	284	409072	36.30	ng		94
69) Atrazine	11.039	200	335285	36.36	ng		98
70) Pentachlorophenol	11.145	266	218557	38.66	ng		97
71) Phenanthrene	11.363	178	1769944	36.31	ng		98
72) Anthracene	11.416	178	1776465	36.74	ng		99
73) Carbazole	11.569	167	1780160	36.23	ng		99
74) Di-n-butylphthalate	11.904	149	2024511	36.43	ng		99
75) Fluoranthene	12.551	202	1962111	36.92	ng		99
77) Benzidine	12.669	184	744369	37.45	ng		99
78) Pyrene	12.780	202	2015809	36.67	ng		99
80) Butylbenzylphthalate	13.404	149	876051	36.94	ng		94
81) Benzo(a)anthracene	13.974	228	1599773	37.30	ng		100
82) 3,3'-Dichlorobenzidine	13.933	252	487550	37.22	ng		99
83) Chrysene	14.010	228	1585597	36.79	ng		100
84) Bis(2-ethylhexyl)phtha...	13.963	149	1082245	36.79	ng		100
85) Di-n-octyl phthalate	14.574	149	1814784	38.37	ng		99
87) Indeno(1,2,3-cd)pyrene	16.880	276	1094433	33.60	ng		98
88) Benzo(b)fluoranthene	15.016	252	1378890	36.68	ng		98
89) Benzo(k)fluoranthene	15.045	252	1359487	38.05	ng		99
90) Benzo(a)pyrene	15.374	252	1214989	37.53	ng		99
91) Dibenzo(a,h)anthracene	16.898	278	922650	33.72	ng		98
92) Benzo(g,h,i)perylene	17.315	276	893189	32.75	ng		97

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

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