Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092821\
Data File : BF125682.D
Acq On : 28 Sep 2021 10:35
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Sep 28 12:05:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 24 15:38:32 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.893	152	257901	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	1010523	20.000	ng	#	0.00
39) Acenaphthene-d10	9.928	164	510235	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	781421	20.000	ng	#	0.00
76) Chrysene-d12	14.045	240	406975	20.000	ng		0.00
86) Perylene-d12	15.521	264	451619	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	1270472	81.162	ng		0.00
7) Phenol-d6	6.510	99	1657141	78.743	ng		0.00
23) Nitrobenzene-d5	7.451	82	1344024	92.770	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	402964	84.705	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	2438510	86.037	ng		0.00
79) Terphenyl-d14	12.992	244	1939335	82.523	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.681	88	267516	40.156	ng	#	100
3) Pyridine	3.434	79	716591	40.668	ng	#	72
4) n-Nitrosodimethylamine	3.387	42	264889	40.515	ng	#	4
6) Aniline	6.551	93	933417	38.414	ng		95
8) 2-Chlorophenol	6.675	128	732581	41.258	ng		98
9) Benzaldehyde	6.440	77	413362	43.924	ng		93
10) Phenol	6.528	94	874388	41.103	ng		86
11) bis(2-Chloroethyl)ether	6.622	93	653768	39.546	ng		98
12) 1,3-Dichlorobenzene	6.834	146	775686	39.563	ng		96
13) 1,4-Dichlorobenzene	6.910	146	779175	39.061	ng		98
14) 1,2-Dichlorobenzene	7.063	146	730332	38.805	ng		99
15) Benzyl Alcohol	7.028	79	566043	38.776	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.163	45	814573	38.709	ng		88
17) 2-Methylphenol	7.134	107	580568	39.873	ng		97
18) Hexachloroethane	7.404	117	269833	41.674	ng		92
19) n-Nitroso-di-n-propyla...	7.304	70	451623	37.691	ng	#	67
20) 3+4-Methylphenols	7.287	107	721800	39.430	ng		85
22) Acetophenone	7.298	105	910579	39.711	ng	#	89
24) Nitrobenzene	7.469	77	705501	47.872	ng		94
25) Isophorone	7.710	82	1266114	39.022	ng		93
26) 2-Nitrophenol	7.787	139	357085	46.402	ng	#	93
27) 2,4-Dimethylphenol	7.822	122	592566	41.066	ng		97
28) bis(2-Chloroethoxy)met...	7.916	93	735351	40.181	ng		98
29) 2,4-Dichlorophenol	8.022	162	602717	42.048	ng		97
30) 1,2,4-Trichlorobenzene	8.116	180	617942	39.602	ng		97
31) Naphthalene	8.192	128	2031153	39.147	ng		99
32) Benzoic acid	7.928	122	410524	40.471	ng		94
33) 4-Chloroaniline	8.239	127	836387	38.429	ng		98
34) Hexachlorobutadiene	8.316	225	345136	40.115	ng		100
35) Caprolactam	8.610	113	165064	35.288	ng	#	79
36) 4-Chloro-3-methylphenol	8.716	107	585889	39.007	ng		98
37) 2-Methylnaphthalene	8.886	142	1351953	38.418	ng		99
38) 1-Methylnaphthalene	8.986	142	1270743	38.209	ng		98
40) 1,2,4,5-Tetrachloroben...	9.051	216	546613	41.192	ng		99
41) Hexachlorocyclopentadiene	9.039	237	254548	45.337	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	411385	44.208	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	422338	42.036	ng	#	93
46) 1,1'-Biphenyl	9.351	154	1503168	39.953	ng		97
47) 2-Chloronaphthalene	9.375	162	1251194	40.167	ng		97
48) 2-Nitroaniline	9.463	65	324017	44.439	ng		97
49) Acenaphthylene	9.792	152	1833971	39.111	ng		98
50) Dimethylphthalate	9.645	163	1330782	38.716	ng		98
51) 2,6-Dinitrotoluene	9.704	165	305912	44.053	ng		96
52) Acenaphthene	9.963	154	1166315	39.670	ng		96
53) 3-Nitroaniline	9.875	138	324222	41.055	ng		92
54) 2,4-Dinitrophenol	9.975	184	109726	43.505	ng		86
55) Dibenzofuran	10.133	168	1686562	38.236	ng		96
56) 4-Nitrophenol	10.022	139	252427	39.867	ng		89
57) 2,4-Dinitrotoluene	10.110	165	379620	43.920	ng	#	79
58) Fluorene	10.475	166	1256245	36.590	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	323602	41.850	ng	#	91
60) Diethylphthalate	10.345	149	1265956	38.202	ng		98
61) 4-Chlorophenyl-phenyle...	10.469	204	565824	37.077	ng	#	86
62) 4-Nitroaniline	10.486	138	297035	38.326	ng	#	76
63) Azobenzene	10.628	77	1229577	38.428	ng		84
65) 4,6-Dinitro-2-methylph...	10.516	198	168898	45.082	ng	#	73
66) n-Nitrosodiphenylamine	10.586	169	1128155	42.056	ng		95
67) 4-Bromophenyl-phenylether	10.957	248	350654	42.759	ng		97
68) Hexachlorobenzene	11.022	284	402009	41.768	ng		91
69) Atrazine	11.110	200	303562	42.679	ng		91
70) Pentachlorophenol	11.210	266	232323	45.671	ng		93
71) Phenanthrene	11.439	178	1718526	39.218	ng		97
72) Anthracene	11.486	178	1719736	39.717	ng		97
73) Carbazole	11.639	167	1598966	37.522	ng		99
74) Di-n-butylphthalate	11.969	149	1691657	39.377	ng		100
75) Fluoranthene	12.622	202	1552765	33.156	ng		96
77) Benzidine	12.739	184	371070	34.708	ng		98
78) Pyrene	12.851	202	1552031	42.198	ng		96
80) Butylbenzylphthalate	13.469	149	502564	41.263	ng		98
81) Benzo(a)anthracene	14.033	228	1114798	40.325	ng		100
82) 3,3'-Dichlorobenzidine	13.998	252	315905	39.603	ng		97
83) Chrysene	14.074	228	1091664	39.350	ng		97
84) Bis(2-ethylhexyl)phtha...	14.027	149	599127	42.970	ng		99
85) Di-n-octyl phthalate	14.639	149	1087154	53.162	ng	#	89
87) Indeno(1,2,3-cd)pyrene	17.009	276	1353325	44.145	ng		98
88) Benzo(b)fluoranthene	15.092	252	1178591	37.248	ng		97
89) Benzo(k)fluoranthene	15.121	252	1114114	36.751	ng		98
90) Benzo(a)pyrene	15.463	252	1099730	39.045	ng		97
91) Dibenzo(a,h)anthracene	17.027	278	1148423	44.819	ng		97
92) Benzo(g,h,i)perylene	17.462	276	1157224	44.221	ng		93

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

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