Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070122\
Data File : BF129095.D
Acq On : 01 Jul 2022 16:55
Operator : CG\JU
Sample : N3561-04MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-4MS

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022

Quant Time: Jul 02 01:25:38 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 29 17:05:31 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.957	152	356956	20.000	ng		0.00
21) Naphthalene-d8	8.239	136	1372869	20.000	ng		0.00
39) Acenaphthene-d10	10.004	164	710500	20.000	ng		0.00
64) Phenanthrene-d10	11.492	188	1242341	20.000	ng	#	0.00
76) Chrysene-d12	14.145	240	760925	20.000	ng		0.00
86) Perylene-d12	15.662	264	610437	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.586	112	2339685	110.813	ng		0.00
7) Phenol-d6	6.580	99	2976720	113.517	ng		0.00
23) Nitrobenzene-d5	7.522	82	1887049	81.986	ng		0.00
42) 2,4,6-Tribromophenol	10.798	330	886949	114.806	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	3361742	75.694	ng		0.00
79) Terphenyl-d14	13.080	244	3356915	91.613	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.887	88	411337	43.698	ng		87
3) Pyridine	3.669	79	1118445	48.653	ng		84
4) n-Nitrosodimethylamine	3.604	42	503361	48.329	ng		81
6) Aniline	6.622	93	1497230	51.053	ng		98
8) 2-Chlorophenol	6.739	128	1149091	51.801	ng		97
9) Benzaldehyde	6.510	77	671165	69.338	ng		99
10) Phenol	6.598	94	1356798	51.069	ng		89
11) bis(2-Chloroethyl)ether	6.692	93	1082673	51.486	ng		90
12) 1,3-Dichlorobenzene	6.898	146	1220467	49.980	ng		97
13) 1,4-Dichlorobenzene	6.975	146	1229638	49.924	ng		99
14) 1,2-Dichlorobenzene	7.127	146	1184157	51.144	ng		99
15) Benzyl Alcohol	7.098	79	918598	49.801	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.227	45	1537145	51.179	ng		91
17) 2-Methylphenol	7.204	107	921317	51.040	ng		97
18) Hexachloroethane	7.469	117	453880	52.489	ng		91
19) n-Nitroso-di-n-propyla...	7.369	70	766941	50.559	ng		88
20) 3+4-Methylphenols	7.357	107	1140740	49.696	ng		93
22) Acetophenone	7.369	105	1526340	48.465	ng	#	93
24) Nitrobenzene	7.539	77	1149000	51.594	ng		95
25) Isophorone	7.780	82	2140703	55.032	ng		97
26) 2-Nitrophenol	7.857	139	612157	59.145	ng	#	84
27) 2,4-Dimethylphenol	7.886	122	1079690	57.781	ng		96
28) bis(2-Chloroethoxy)met...	7.986	93	1335219	49.980	ng		98
29) 2,4-Dichlorophenol	8.092	162	953073	50.006	ng		99
30) 1,2,4-Trichlorobenzene	8.180	180	992270	47.311	ng		97
31) Naphthalene	8.263	128	3088501	49.555	ng		97
32) Benzoic acid	8.004	122	596164	39.765	ng		96
33) 4-Chloroaniline	8.310	127	982120	39.107	ng		96
34) Hexachlorobutadiene	8.374	225	602542	48.113	ng		99
35) Caprolactam	8.692	113	302677m	50.081	ng		
36) 4-Chloro-3-methylphenol	8.786	107	972080	50.199	ng		92
37) 2-Methylnaphthalene	8.957	142	2111738	50.354	ng		99
38) 1-Methylnaphthalene	9.057	142	2003616	49.196	ng		99
40) 1,2,4,5-Tetrachloroben...	9.121	216	976437	48.893	ng		99
41) Hexachlorocyclopentadiene	9.110	237	1238168	117.454	ng		99
43) 2,4,6-Trichlorophenol	9.227	196	679908	49.982	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	702025	48.518	ng		97
46) 1,1'-Biphenyl	9.421	154	2550029	49.922	ng		98
47) 2-Chloronaphthalene	9.445	162	1948667	49.401	ng		99
48) 2-Nitroaniline	9.539	65	575976	55.440	ng	#	85
49) Acenaphthylene	9.863	152	3052687	50.931	ng		97
50) Dimethylphthalate	9.721	163	2202885	49.560	ng		98
51) 2,6-Dinitrotoluene	9.780	165	512714	56.449	ng		99
52) Acenaphthene	10.039	154	2092502	53.596	ng		99
53) 3-Nitroaniline	9.957	138	458801	42.358	ng	#	82
54) 2,4-Dinitrophenol	10.057	184	438953	88.562	ng	#	85
55) Dibenzofuran	10.210	168	2735704	48.122	ng		96
56) 4-Nitrophenol	10.110	139	885318	100.037	ng		94
57) 2,4-Dinitrotoluene	10.186	165	673164	60.034	ng		93
58) Fluorene	10.551	166	2156269	49.035	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.321	232	580841	48.455	ng		100
60) Diethylphthalate	10.421	149	2179594	48.937	ng		97
61) 4-Chlorophenyl-phenyle...	10.539	204	1053445	48.081	ng		95
62) 4-Nitroaniline	10.574	138	551582	51.354	ng		87
63) Azobenzene	10.704	77	2111773	48.394	ng		92
65) 4,6-Dinitro-2-methylph...	10.592	198	292870	53.285	ng		92
66) n-Nitrosodiphenylamine	10.663	169	1915622	50.771	ng		95
67) 4-Bromophenyl-phenylether	11.033	248	682093	51.614	ng		98
68) Hexachlorobenzene	11.098	284	760301	51.667	ng		99
69) Atrazine	11.186	200	638533	60.142	ng		98
70) Pentachlorophenol	11.292	266	807797	92.164	ng		99
71) Phenanthrene	11.521	178	2901784	48.886	ng		97
72) Anthracene	11.574	178	2967128	50.699	ng		97
73) Carbazole	11.727	167	2733920	46.620	ng		99
74) Di-n-butylphthalate	12.051	149	3210329	51.921	ng		98
75) Fluoranthene	12.709	202	3013323	48.541	ng		94
77) Benzidine	12.833	184	1740723	128.473	ng		99
78) Pyrene	12.945	202	3015318	57.169	ng		99
80) Butylbenzylphthalate	13.556	149	1273264	59.257	ng		87
81) Benzo(a)anthracene	14.133	228	2350813	50.598	ng		98
82) 3,3'-Dichlorobenzidine	14.092	252	575675	57.344	ng		97
83) Chrysene	14.168	228	2163509	50.160	ng		98
84) Bis(2-ethylhexyl)phtha...	14.109	149	1703018	59.637	ng		96
85) Di-n-octyl phthalate	14.727	149	2303221	54.637	ng		95
87) Indeno(1,2,3-cd)pyrene	17.227	276	2149812	57.421	ng		99
88) Benzo(b)fluoranthene	15.209	252	1969586	53.650	ng		98
89) Benzo(k)fluoranthene	15.245	252	1816050	51.002	ng		99
90) Benzo(a)pyrene	15.598	252	1676765	56.027	ng		97
91) Dibenzo(a,h)anthracene	17.244	278	1857432	60.859	ng		97
92) Benzo(g,h,i)perylene	17.703	276	1871816	61.130	ng		99

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

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