Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071522\
Data File : BF129231.D
Acq On : 15 Jul 2022 10:31
Operator : CG\JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 15 10:57:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 15 10:55:05 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	354135	20.000	ng		0.00
21) Naphthalene-d8	8.186	136	1371822	20.000	ng		0.00
39) Acenaphthene-d10	9.939	164	707593	20.000	ng		0.00
64) Phenanthrene-d10	11.427	188	1166134	20.000	ng	#	0.00
76) Chrysene-d12	14.074	240	707719	20.000	ng	#	0.00
86) Perylene-d12	15.562	264	574834	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	1681781	74.870	ng		0.00
7) Phenol-d6	6.528	99	2202114	76.821	ng		0.00
23) Nitrobenzene-d5	7.469	82	1981746	76.573	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	505283	79.327	ng		0.00
45) 2-Fluorobiphenyl	9.263	172	3077327	67.211	ng		0.00
79) Terphenyl-d14	13.016	244	2884886	81.832	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.716	88	401160	38.597	ng		90
3) Pyridine	3.493	79	1020415	38.788	ng		91
4) n-Nitrosodimethylamine	3.451	42	484140	37.027	ng	#	94
6) Aniline	6.569	93	1309483	39.262	ng		100
8) 2-Chlorophenol	6.687	128	897766	38.664	ng		98
9) Benzaldehyde	6.451	77	582274	36.494	ng		98
10) Phenol	6.540	94	1114924	36.602	ng		96
11) bis(2-Chloroethyl)ether	6.634	93	899357	39.210	ng		97
12) 1,3-Dichlorobenzene	6.840	146	950750	38.343	ng		98
13) 1,4-Dichlorobenzene	6.916	146	964048	38.653	ng		99
14) 1,2-Dichlorobenzene	7.069	146	888599	37.191	ng		97
15) Benzyl Alcohol	7.040	79	779672	39.440	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	1435175	38.663	ng		94
17) 2-Methylphenol	7.145	107	737625	38.658	ng		99
18) Hexachloroethane	7.410	117	363941	38.659	ng	#	88
19) n-Nitroso-di-n-propyla...	7.316	70	632831	38.572	ng		96
20) 3+4-Methylphenols	7.304	107	912737	38.636	ng		97
22) Acetophenone	7.310	105	1193928	37.594	ng		97
24) Nitrobenzene	7.487	77	947159	38.552	ng		95
25) Isophorone	7.722	82	1676536	39.246	ng		100
26) 2-Nitrophenol	7.798	139	490288	42.054	ng		95
27) 2,4-Dimethylphenol	7.834	122	760882	40.336	ng		96
28) bis(2-Chloroethoxy)met...	7.928	93	1118814	39.732	ng		99
29) 2,4-Dichlorophenol	8.039	162	738018	39.396	ng		99
30) 1,2,4-Trichlorobenzene	8.122	180	761840	38.824	ng		96
31) Naphthalene	8.204	128	2502268	38.615	ng		99
32) Benzoic acid	7.957	122	610808	41.258	ng		97
33) 4-Chloroaniline	8.251	127	1033460	38.940	ng		99
34) Hexachlorobutadiene	8.322	225	425900	39.088	ng		98
35) Caprolactam	8.639	113	246742	39.678	ng	#	82
36) 4-Chloro-3-methylphenol	8.734	107	804359	39.227	ng		94
37) 2-Methylnaphthalene	8.898	142	1611354	38.716	ng		100
38) 1-Methylnaphthalene	8.998	142	1558383	38.652	ng		98
40) 1,2,4,5-Tetrachloroben...	9.063	216	682161	37.986	ng		98
41) Hexachlorocyclopentadiene	9.045	237	368475	41.387	ng		99
43) 2,4,6-Trichlorophenol	9.175	196	507492	37.982	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	544132	40.009	ng	#	91
46) 1,1'-Biphenyl	9.363	154	1914775	37.493	ng		99
47) 2-Chloronaphthalene	9.386	162	1517272	37.878	ng		98
48) 2-Nitroaniline	9.481	65	533801	39.378	ng		97
49) Acenaphthylene	9.804	152	2297176	38.503	ng		99
50) Dimethylphthalate	9.663	163	1752868	38.575	ng		99
51) 2,6-Dinitrotoluene	9.728	165	396257	40.498	ng		98
52) Acenaphthene	9.975	154	1502550	38.863	ng		99
53) 3-Nitroaniline	9.898	138	468916	39.451	ng	#	93
54) 2,4-Dinitrophenol	9.998	184	225526	42.776	ng		98
55) Dibenzofuran	10.151	168	2103049	38.304	ng		97
56) 4-Nitrophenol	10.051	139	379679	40.368	ng		95
57) 2,4-Dinitrotoluene	10.128	165	519678	40.813	ng		98
58) Fluorene	10.492	166	1577326	37.733	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	416216	40.188	ng		91
60) Diethylphthalate	10.363	149	1700796	38.871	ng		98
61) 4-Chlorophenyl-phenyle...	10.480	204	726231	38.113	ng		89
62) 4-Nitroaniline	10.516	138	460782	39.310	ng		92
63) Azobenzene	10.639	77	1845687	38.863	ng		94
65) 4,6-Dinitro-2-methylph...	10.539	198	301251	41.764	ng		95
66) n-Nitrosodiphenylamine	10.604	169	1436384	38.892	ng		97
67) 4-Bromophenyl-phenylether	10.975	248	472571	39.781	ng		99
68) Hexachlorobenzene	11.039	284	497261	39.524	ng		100
69) Atrazine	11.127	200	389848	39.280	ng		97
70) Pentachlorophenol	11.227	266	308822	42.500	ng		99
71) Phenanthrene	11.457	178	2243893	38.243	ng		99
72) Anthracene	11.510	178	2230468	38.277	ng		99
73) Carbazole	11.663	167	2234943	37.855	ng		99
74) Di-n-butylphthalate	11.986	149	2517567	39.313	ng		99
75) Fluoranthene	12.645	202	2225472	37.224	ng		96
77) Benzidine	12.763	184	700269	45.576	ng		99
78) Pyrene	12.874	202	2258063	41.610	ng		100
80) Butylbenzylphthalate	13.486	149	1031470	44.223	ng		99
81) Benzo(a)anthracene	14.063	228	1739149	38.943	ng		100
82) 3,3'-Dichlorobenzidine	14.027	252	433549	41.130	ng		96
83) Chrysene	14.104	228	1633371	38.643	ng		98
84) Bis(2-ethylhexyl)phtha...	14.039	149	1338729	43.649	ng		98
85) Di-n-octyl phthalate	14.657	149	1880019	39.858	ng		100
87) Indeno(1,2,3-cd)pyrene	17.074	276	1432244	40.474	ng		97
88) Benzo(b)fluoranthene	15.121	252	1412837m	40.165	ng		
89) Benzo(k)fluoranthene	15.157	252	1305658	38.368	ng		99
90) Benzo(a)pyrene	15.498	252	1127798	39.076	ng	#	97
91) Dibenzo(a,h)anthracene	17.092	278	1164041	41.024	ng		96
92) Benzo(g,h,i)perylene	17.539	276	1191219	40.750	ng		97

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

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