Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081022\
Data File : BF129702.D
Acq On : 10 Aug 2022 18:46
Operator : CG\JU
Sample : N4122-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 10 21:34:38 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 10 15:26:57 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
RBR-200051MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/11/2022
Supervised By :Jagrut Upadhyay 08/11/2022

08/11/2022
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08/11/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.839	152	183649	20.000	ng		-0.01
21) Naphthalene-d8	8.122	136	728296	20.000	ng		-0.01
39) Acenaphthene-d10	9.880	164	368932	20.000	ng		-0.01
64) Phenanthrene-d10	11.368	188	544640	20.000	ng		-0.01
76) Chrysene-d12	14.015	240	291992	20.000	ng		-0.01
86) Perylene-d12	15.486	264	318577	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	1265516	112.253	ng		0.00
7) Phenol-d6	6.498	99	1577475	111.322	ng		0.00
23) Nitrobenzene-d5	7.410	82	1031744	77.333	ng		-0.01
42) 2,4,6-Tribromophenol	10.674	330	385674	108.732	ng		-0.01
45) 2-Fluorobiphenyl	9.198	172	1585835	66.495	ng		-0.01
79) Terphenyl-d14	12.951	244	1041033	67.262	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.693	88	204438	40.192	ng		89
3) Pyridine	3.463	79	517279	36.620	ng		89
4) n-Nitrosodimethylamine	3.428	42	283631	45.726	ng		89
6) Aniline	6.504	93	541300	30.727	ng	#	43
8) 2-Chlorophenol	6.633	128	635437	51.591	ng		97
9) Benzaldehyde	6.392	77	406017	42.192	ng		98
10) Phenol	6.510	94	737866m	48.897	ng		
11) bis(2-Chloroethyl)ether	6.575	93	614778	51.371	ng		92
12) 1,3-Dichlorobenzene	6.781	146	652395	49.387	ng		96
13) 1,4-Dichlorobenzene	6.857	146	667378	49.677	ng		100
14) 1,2-Dichlorobenzene	7.004	146	627514	50.817	ng		97
15) Benzyl Alcohol	6.992	79	544748	53.006	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.110	45	781637	43.451	ng	#	1
17) 2-Methylphenol	7.110	107	499262	48.862	ng	#	86
18) Hexachloroethane	7.345	117	256775	50.760	ng		92
19) n-Nitroso-di-n-propyla...	7.257	70	436831	50.921	ng		92
20) 3+4-Methylphenols	7.263	107	645448	49.681	ng	#	83
22) Acetophenone	7.251	105	886435	52.278	ng		97
24) Nitrobenzene	7.428	77	653061	47.535	ng		97
25) Isophorone	7.663	82	1210798	50.630	ng		99
26) 2-Nitrophenol	7.739	139	341379	50.369	ng		98
27) 2,4-Dimethylphenol	7.786	122	570335m	56.099	ng		
28) bis(2-Chloroethoxy)met...	7.869	93	744867	53.692	ng		99
29) 2,4-Dichlorophenol	7.992	162	515145	49.093	ng		99
30) 1,2,4-Trichlorobenzene	8.063	180	525856	48.415	ng		96
31) Naphthalene	8.145	128	1775031	47.971	ng		100
32) Benzoic acid	7.939	122	248171	33.766	ng		100
33) 4-Chloroaniline	8.198	127	410568	27.026	ng		97
34) Hexachlorobutadiene	8.251	225	315229	51.058	ng		98
35) Caprolactam	8.586	113	164719m	48.283	ng		
36) 4-Chloro-3-methylphenol	8.698	107	545048	48.974	ng		97
37) 2-Methylnaphthalene	8.833	142	1170522	48.679	ng		99
38) 1-Methylnaphthalene	8.933	142	1104331	47.575	ng		99
40) 1,2,4,5-Tetrachloroben...	9.004	216	516394	53.306	ng		98
41) Hexachlorocyclopentadiene	8.980	237	338448	78.459	ng		99
43) 2,4,6-Trichlorophenol	9.122	196	335329	47.659	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	342320	44.739	ng		95
46) 1,1'-Biphenyl	9.298	154	1404750	52.173	ng		99
47) 2-Chloronaphthalene	9.327	162	1080127	49.625	ng		99
48) 2-Nitroaniline	9.433	65	340422	47.035	ng		89
49) Acenaphthylene	9.745	152	1594991	48.226	ng		100
50) Dimethylphthalate	9.604	163	1308872	51.392	ng		100
51) 2,6-Dinitrotoluene	9.674	165	280863	49.271	ng		97
52) Acenaphthene	9.916	154	1110947m	51.429	ng		
53) 3-Nitroaniline	9.845	138	223217	33.162	ng		98
54) 2,4-Dinitrophenol	9.963	184	232974	80.059	ng	#	85
55) Dibenzofuran	10.086	168	1402084	47.084	ng		95
56) 4-Nitrophenol	10.033	139	271108	54.593	ng		95
57) 2,4-Dinitrotoluene	10.080	165	347940	46.724	ng		90
58) Fluorene	10.433	166	1139839	47.840	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.216	232	242902	41.079	ng		96
60) Diethylphthalate	10.298	149	1235845	50.197	ng		99
61) 4-Chlorophenyl-phenyle...	10.416	204	534173	50.854	ng	#	88
62) 4-Nitroaniline	10.469	138	253432m	37.953	ng		
63) Azobenzene	10.580	77	1140122	45.402	ng		95
65) 4,6-Dinitro-2-methylph...	10.492	198	164733	47.921	ng		94
66) n-Nitrosodiphenylamine	10.545	169	983532	54.225	ng		96
67) 4-Bromophenyl-phenylether	10.910	248	330311	55.384	ng		98
68) Hexachlorobenzene	10.980	284	350382	54.221	ng		95
69) Atrazine	11.074	200	314177	57.027	ng		99
70) Pentachlorophenol	11.180	266	201316	57.306	ng		99
71) Phenanthrene	11.398	178	1509338	50.767	ng		99
72) Anthracene	11.445	178	1478997	50.622	ng		99
73) Carbazole	11.604	167	1242230	45.168	ng		99
74) Di-n-butylphthalate	11.921	149	1734019	52.943	ng		100
75) Fluoranthene	12.586	202	1343563	44.602	ng		100
77) Benzidine	12.704	184	92245	8.942	ng		97
78) Pyrene	12.815	202	1290245	52.842	ng		99
80) Butylbenzylphthalate	13.421	149	546857	51.635	ng		96
81) Benzo(a)anthracene	14.004	228	1007066	50.490	ng		100
82) 3,3'-Dichlorobenzidine	13.968	252	276370	41.966	ng		99
83) Chrysene	14.045	228	941135	50.065	ng		100
84) Bis(2-ethylhexyl)phtha...	13.974	149	737713	52.908	ng		100
85) Di-n-octyl phthalate	14.586	149	1163234	57.974	ng		96
87) Indeno(1,2,3-cd)pyrene	16.980	276	1027040	47.873	ng		99
88) Benzo(b)fluoranthene	15.062	252	1121711	53.081	ng		99
89) Benzo(k)fluoranthene	15.092	252	948383	45.796	ng		99
90) Benzo(a)pyrene	15.427	252	948316	55.281	ng		98
91) Dibenzo(a,h)anthracene	16.992	278	876981	50.225	ng		98
92) Benzo(g,h,i)perylene	17.433	276	828674	46.444	ng		97

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

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