Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083122\
Data File : BF130051.D
Acq On : 31 Aug 2022 14:32
Operator : CG\JU
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 31 16:00:01 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 31 15:58:13 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.704	152	226090	20.000	ng		0.00
21) Naphthalene-d8	7.986	136	885544	20.000	ng	#	0.00
39) Acenaphthene-d10	9.739	164	462928	20.000	ng		0.00
64) Phenanthrene-d10	11.216	188	768446	20.000	ng	#	0.00
76) Chrysene-d12	13.845	240	547483	20.000	ng	#	-0.01
86) Perylene-d12	15.251	264	464494	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.292	112	305240	22.353	ng		-0.02
7) Phenol-d6	6.322	99	380997	22.280	ng		-0.02
23) Nitrobenzene-d5	7.263	82	276858	16.736	ng		-0.02
42) 2,4,6-Tribromophenol	10.522	330	84386	18.162	ng		-0.01
45) 2-Fluorobiphenyl	9.063	172	688297	22.582	ng		0.00
79) Terphenyl-d14	12.798	244	656498	19.953	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.369	88	68780	12.209	ng		94
3) Pyridine	3.075	79	181144	12.287	ng		93
4) n-Nitrosodimethylamine	3.004	42	69417	10.217	ng	#	88
6) Aniline	6.363	93	228769	11.738	ng	#	51
8) 2-Chlorophenol	6.481	128	167989	11.051	ng		99
9) Benzaldehyde	6.251	77	122011	12.086	ng		97
10) Phenol	6.339	94	218749m	11.662	ng		
11) bis(2-Chloroethyl)ether	6.439	93	162618	11.417	ng		98
12) 1,3-Dichlorobenzene	6.639	146	186027	11.335	ng		97
13) 1,4-Dichlorobenzene	6.722	146	188211	11.224	ng		97
14) 1,2-Dichlorobenzene	6.875	146	175655	11.279	ng		97
15) Benzyl Alcohol	6.845	79	131470	10.184	ng		92
16) 2,2'-oxybis(1-Chloropr...	6.986	45	221472	11.604	ng	#	50
17) 2-Methylphenol	6.951	107	137858	11.294	ng	#	85
18) Hexachloroethane	7.216	117	64464	10.237	ng		97
19) n-Nitroso-di-n-propyla...	7.116	70	111326	10.300	ng		95
20) 3+4-Methylphenols	7.104	107	178225	10.878	ng	#	85
22) Acetophenone	7.116	105	234798	10.880	ng		94
24) Nitrobenzene	7.286	77	153455	9.200	ng		96
25) Isophorone	7.528	82	296011	10.397	ng		97
26) 2-Nitrophenol	7.604	139	46967	5.724	ng		91
27) 2,4-Dimethylphenol	7.639	122	125267	10.646	ng		96
28) bis(2-Chloroethoxy)met...	7.739	93	185493	11.158	ng		99
29) 2,4-Dichlorophenol	7.839	162	134690	10.468	ng		97
30) 1,2,4-Trichlorobenzene	7.928	180	148376	10.931	ng		98
31) Naphthalene	8.010	128	523017	11.296	ng		98
32) Benzoic acid	7.716	122	54233	10.851	ng		98
33) 4-Chloroaniline	8.057	127	202412	11.117	ng		97
34) Hexachlorobutadiene	8.128	225	81409	9.850	ng		99
35) Caprolactam	8.404	113	38729	9.679	ng		90
36) 4-Chloro-3-methylphenol	8.528	107	136095	9.805	ng		98
37) 2-Methylnaphthalene	8.698	142	334770	11.016	ng		100
38) 1-Methylnaphthalene	8.798	142	325635	11.026	ng		98
40) 1,2,4,5-Tetrachloroben...	8.863	216	135994	10.562	ng		98
41) Hexachlorocyclopentadiene	8.851	237	61553	22.644	ng		99
43) 2,4,6-Trichlorophenol	8.969	196	90192	10.781	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.004	196	99744	11.082	ng		97
46) 1,1'-Biphenyl	9.163	154	396711	11.280	ng		100
47) 2-Chloronaphthalene	9.180	162	310322	11.152	ng		99
48) 2-Nitroaniline	9.280	65	60043	6.828	ng		91
49) Acenaphthylene	9.598	152	481408	11.409	ng		98
50) Dimethylphthalate	9.463	163	345739	10.418	ng		99
51) 2,6-Dinitrotoluene	9.522	165	58820	8.171	ng		98
52) Acenaphthene	9.769	154	294589	11.507	ng		99
53) 3-Nitroaniline	9.686	138	69701	8.755	ng	#	95
54) 2,4-Dinitrophenol	9.786	184	12321	4.510	ng		89
55) Dibenzofuran	9.939	168	435436	11.322	ng		97
56) 4-Nitrophenol	9.833	139	51449	14.527	ng		99
57) 2,4-Dinitrotoluene	9.922	165	65987	7.061	ng	#	82
58) Fluorene	10.280	166	340448	10.601	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.057	232	78858	11.939	ng	#	81
60) Diethylphthalate	10.163	149	334659	10.114	ng		99
61) 4-Chlorophenyl-phenyle...	10.280	204	147409	10.229	ng		97
62) 4-Nitroaniline	10.292	138	66738	8.310	ng		98
63) Azobenzene	10.439	77	339879	10.746	ng		92
65) 4,6-Dinitro-2-methylph...	10.322	198	20165	4.470	ng		98
66) n-Nitrosodiphenylamine	10.392	169	291940	11.256	ng		100
67) 4-Bromophenyl-phenylether	10.769	248	92646	10.293	ng		91
68) Hexachlorobenzene	10.822	284	103026	10.567	ng		97
69) Atrazine	10.922	200	78372	9.845	ng		97
70) Pentachlorophenol	11.016	266	49998	20.115	ng		94
71) Phenanthrene	11.239	178	491596	11.454	ng		100
72) Anthracene	11.292	178	482726	11.311	ng		98
73) Carbazole	11.445	167	444040	11.461	ng		99
74) Di-n-butylphthalate	11.786	149	500424	10.036	ng		99
75) Fluoranthene	12.421	202	488701	11.128	ng		96
77) Benzidine	12.551	184	164491	11.351	ng		100
78) Pyrene	12.651	202	504897	10.612	ng		99
80) Butylbenzylphthalate	13.280	149	168523	8.371	ng		97
81) Benzo(a)anthracene	13.833	228	412743	10.959	ng		98
82) 3,3'-Dichlorobenzidine	13.804	252	123853	10.618	ng		98
83) Chrysene	13.874	228	400189	11.352	ng		100
84) Bis(2-ethylhexyl)phtha...	13.845	149	234031	9.799	ng		100
85) Di-n-octyl phthalate	14.451	149	333351	10.111	ng		98
87) Indeno(1,2,3-cd)pyrene	16.586	276	276194	8.661	ng	#	93
88) Benzo(b)fluoranthene	14.851	252	337656	10.616	ng		100
89) Benzo(k)fluoranthene	14.874	252	331519m	10.869	ng		
90) Benzo(a)pyrene	15.186	252	257501	10.281	ng	#	97
91) Dibenzo(a,h)anthracene	16.609	278	229227	8.712	ng	#	96
92) Benzo(g,h,i)perylene	16.992	276	223648	8.520	ng	#	92

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

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