Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091422\
Data File : BF130236.D
Acq On : 14 Sep 2022 13:13
Operator : CG\JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 14 14:11:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 14 14:08:08 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.681	152	110816	20.000	ng		0.00
21) Naphthalene-d8	7.963	136	410702	20.000	ng		0.00
39) Acenaphthene-d10	9.710	164	201814	20.000	ng		0.00
64) Phenanthrene-d10	11.192	188	330564	20.000	ng		0.00
76) Chrysene-d12	13.821	240	185895	20.000	ng		0.00
86) Perylene-d12	15.210	264	160394	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.275	112	618783	84.244	ng		0.00
7) Phenol-d6	6.316	99	774249	83.815	ng		0.00
23) Nitrobenzene-d5	7.251	82	804739	106.531	ng		0.00
42) 2,4,6-Tribromophenol	10.498	330	194873	103.414	ng		0.00
45) 2-Fluorobiphenyl	9.039	172	1366970	101.532	ng		0.00
79) Terphenyl-d14	12.774	244	1196276	107.575	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.316	88	140900m	27.185	ng		
3) Pyridine	2.999	79	371802	41.877	ng		99
4) n-Nitrosodimethylamine	2.969	42	205675	46.419	ng		96
6) Aniline	6.345	93	475116	43.865	ng		98
8) 2-Chlorophenol	6.463	128	353143	44.315	ng		99
9) Benzaldehyde	6.228	77	247876	46.050	ng		98
10) Phenol	6.328	94	452073	44.793	ng		94
11) bis(2-Chloroethyl)ether	6.422	93	323836	44.152	ng		100
12) 1,3-Dichlorobenzene	6.622	146	390035	48.141	ng		98
13) 1,4-Dichlorobenzene	6.698	146	396673	47.467	ng		99
14) 1,2-Dichlorobenzene	6.851	146	364968	46.524	ng		98
15) Benzyl Alcohol	6.828	79	317031	50.824	ng		99
16) 2,2'-oxybis(1-Chloropr...	6.963	45	470529	44.900	ng		99
17) 2-Methylphenol	6.939	107	284833	44.686	ng		98
18) Hexachloroethane	7.192	117	157420	46.119	ng		98
19) n-Nitroso-di-n-propyla...	7.110	70	258374	45.499	ng		96
20) 3+4-Methylphenols	7.098	107	364655	44.182	ng		95
22) Acetophenone	7.098	105	483336	51.219	ng	#	99
24) Nitrobenzene	7.269	77	401165	53.690	ng		98
25) Isophorone	7.510	82	637634	49.440	ng		100
26) 2-Nitrophenol	7.581	139	172143	49.728	ng		100
27) 2,4-Dimethylphenol	7.622	122	256925	48.608	ng		99
28) bis(2-Chloroethoxy)met...	7.722	93	355454	47.817	ng		99
29) 2,4-Dichlorophenol	7.822	162	280484	49.006	ng		99
30) 1,2,4-Trichlorobenzene	7.904	180	301861	49.195	ng		99
31) Naphthalene	7.986	128	1022643	49.139	ng		99
32) Benzoic acid	7.757	122	211761	51.053	ng		99
33) 4-Chloroaniline	8.039	127	393557	46.253	ng		99
34) Hexachlorobutadiene	8.104	225	192652	53.844	ng		99
35) Caprolactam	8.422	113	81978	44.611	ng		98
36) 4-Chloro-3-methylphenol	8.522	107	312300	48.387	ng		96
37) 2-Methylnaphthalene	8.675	142	654769	48.344	ng		99
38) 1-Methylnaphthalene	8.775	142	626705	47.161	ng		99
40) 1,2,4,5-Tetrachloroben...	8.839	216	272051	49.281	ng		99
41) Hexachlorocyclopentadiene	8.828	237	158155	55.610	ng		99
43) 2,4,6-Trichlorophenol	8.951	196	195257	49.571	ng		95

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	8.986	196	213045	51.896	ng	#	89
46)	1,1'-Biphenyl	9.139	154	734795	47.760	ng		99
47)	2-Chloronaphthalene	9.163	162	600969	49.142	ng		100
48)	2-Nitroaniline	9.263	65	209789	51.351	ng		99
49)	Acenaphthylene	9.575	152	899300	47.742	ng		100
50)	Dimethylphthalate	9.445	163	681905	49.080	ng		99
51)	2,6-Dinitrotoluene	9.504	165	148484	48.971	ng		98
52)	Acenaphthene	9.745	154	594722m	50.121	ng		
53)	3-Nitroaniline	9.675	138	164230	47.128	ng		98
54)	2,4-Dinitrophenol	9.775	184	71240	51.922	ng		97
55)	Dibenzofuran	9.922	168	812159	49.232	ng		99
56)	4-Nitrophenol	9.828	139	121348	46.203	ng		93
57)	2,4-Dinitrotoluene	9.904	165	191730	50.071	ng		97
58)	Fluorene	10.257	166	669009	50.611	ng		98
59)	2,3,4,6-Tetrachlorophenol	10.033	232	162617	50.970	ng		98
60)	Diethylphthalate	10.139	149	693714	51.385	ng		99
61)	4-Chlorophenyl-phenyle...	10.257	204	292900	52.242	ng		98
62)	4-Nitroaniline	10.286	138	166498	47.481	ng		99
63)	Azobenzene	10.416	77	701603	51.899	ng		98
65)	4,6-Dinitro-2-methylph...	10.310	198	95445	44.324	ng		92
66)	n-Nitrosodiphenylamine	10.375	169	540795	46.259	ng		99
67)	4-Bromophenyl-phenylether	10.745	248	184982	49.526	ng		91
68)	Hexachlorobenzene	10.798	284	204524	49.968	ng	#	87
69)	Atrazine	10.904	200	161841	52.414	ng		99
70)	Pentachlorophenol	10.992	266	119421	52.185	ng		98
71)	Phenanthrene	11.216	178	900602	46.948	ng		99
72)	Anthracene	11.269	178	882900	47.584	ng		99
73)	Carbazole	11.427	167	790047	46.333	ng		99
74)	Di-n-butylphthalate	11.763	149	973563	48.226	ng		100
75)	Fluoranthene	12.398	202	864506	41.610	ng		99
77)	Benzidine	12.527	184	260180	57.171	ng		100
78)	Pyrene	12.627	202	859033	51.726	ng		99
80)	Butylbenzylphthalate	13.251	149	318428	50.136	ng		94
81)	Benzo(a)anthracene	13.810	228	621868	47.965	ng		99
82)	3,3'-Dichlorobenzidine	13.780	252	172465	45.714	ng		99
83)	Chrysene	13.845	228	580372	46.487	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.810	149	361013	50.882	ng		100
85)	Di-n-octyl phthalate	14.421	149	552194	58.103	ng		99
87)	Indeno(1,2,3-cd)pyrene	16.545	276	632558	54.315	ng		99
88)	Benzo(b)fluoranthene	14.821	252	515635	45.843	ng		98
89)	Benzo(k)fluoranthene	14.851	252	494814m	46.796	ng		
90)	Benzo(a)pyrene	15.151	252	419914	48.363	ng		99
91)	Dibenzo(a,h)anthracene	16.562	278	518303	54.656	ng		99
92)	Benzo(g,h,i)perylene	16.951	276	526552	54.390	ng		98

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

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