Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052523\
Data File : BF133485.D
Acq On : 25 May 2023 12:05
Operator : CG\JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 25 23:16:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 25 23:12:01 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.840	152	159427	20.000	ng		0.00
21) Naphthalene-d8	8.122	136	604617	20.000	ng		0.00
39) Acenaphthene-d10	9.875	164	292124	20.000	ng		0.00
64) Phenanthrene-d10	11.363	188	544901	20.000	ng		0.00
76) Chrysene-d12	14.004	240	386965	20.000	ng		0.00
86) Perylene-d12	15.462	264	319726	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	213419	22.335	ng		0.00
7) Phenol-d6	6.451	99	264116	22.454	ng		-0.01
23) Nitrobenzene-d5	7.398	82	147704	16.311	ng		-0.01
42) 2,4,6-Tribromophenol	10.663	330	55856	19.182	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	473112	24.997	ng		0.00
79) Terphenyl-d14	12.951	244	474427	21.798	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.575	88	45046	10.438	ng		97
3) Pyridine	3.316	79	126892	10.487	ng		97
4) n-Nitrosodimethylamine	3.257	42	66036	10.007	ng	#	95
6) Aniline	6.492	93	171019m	10.708	ng		
8) 2-Chlorophenol	6.616	128	103789	11.023	ng		98
9) Benzaldehyde	6.387	77	85689	8.344	ng		99
10) Phenol	6.463	94	129309	10.958	ng		99
11) bis(2-Chloroethyl)ether	6.569	93	107058	10.973	ng		97
12) 1,3-Dichlorobenzene	6.775	146	115640	11.063	ng		99
13) 1,4-Dichlorobenzene	6.857	146	115722	11.043	ng		96
14) 1,2-Dichlorobenzene	7.004	146	110785	11.456	ng		99
15) Benzyl Alcohol	6.969	79	98393	11.018	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.116	45	200471	10.834	ng		98
17) 2-Methylphenol	7.081	107	96607	10.835	ng		98
18) Hexachloroethane	7.351	117	38071	10.506	ng		95
19) n-Nitroso-di-n-propyla...	7.245	70	80936	10.635	ng		98
20) 3+4-Methylphenols	7.234	107	123394	12.241	ng	#	86
22) Acetophenone	7.245	105	157710	11.327	ng	#	91
24) Nitrobenzene	7.416	77	83433	8.647	ng		95
25) Isophorone	7.651	82	214249	10.152	ng		97
26) 2-Nitrophenol	7.734	139	24442	9.724	ng		99
27) 2,4-Dimethylphenol	7.769	122	94139	10.484	ng		98
28) bis(2-Chloroethoxy)met...	7.869	93	134014	10.951	ng		96
29) 2,4-Dichlorophenol	7.969	162	81359	10.071	ng		100
30) 1,2,4-Trichlorobenzene	8.063	180	92959	10.638	ng		99
31) Naphthalene	8.145	128	322475	11.001	ng		98
32) Benzoic acid	7.834	122	33024m	12.075	ng		
33) 4-Chloroaniline	8.186	127	137309	10.929	ng		98
34) Hexachlorobutadiene	8.263	225	55572	10.455	ng		98
35) Caprolactam	8.528	113	25612	9.667	ng		91
36) 4-Chloro-3-methylphenol	8.657	107	92163	10.184	ng		99
37) 2-Methylnaphthalene	8.834	142	222277	11.106	ng		99
38) 1-Methylnaphthalene	8.934	142	206207	11.053	ng		97
40) 1,2,4,5-Tetrachloroben...	8.998	216	95411	11.020	ng		100
41) Hexachlorocyclopentadiene	8.986	237	38890	8.765	ng		95
43) 2,4,6-Trichlorophenol	9.104	196	54633	9.861	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.139	196	64199	9.983	ng		98
46)	1,1'-Biphenyl	9.298	154	264549	11.147	ng		98
47)	2-Chloronaphthalene	9.322	162	188094	10.935	ng		98
48)	2-Nitroaniline	9.416	65	32944	9.460	ng		97
49)	Acenaphthylene	9.739	152	322276	10.979	ng		100
50)	Dimethylphthalate	9.592	163	213860	10.416	ng		100
51)	2,6-Dinitrotoluene	9.657	165	22521	9.009	ng		97
52)	Acenaphthene	9.910	154	191505	10.770	ng		99
53)	3-Nitroaniline	9.822	138	30915	9.078	ng	#	92
54)	2,4-Dinitrophenol	9.922	184	6928	11.116	ng	#	24
55)	Dibenzofuran	10.080	168	289399	10.940	ng		98
56)	4-Nitrophenol	9.969	139	23887	6.800	ng		93
57)	2,4-Dinitrotoluene	10.057	165	24971	9.390	ng	#	88
58)	Fluorene	10.422	166	218637	11.281	ng		98
59)	2,3,4,6-Tetrachlorophenol	10.192	232	46996	9.704	ng		98
60)	Diethylphthalate	10.298	149	224674	10.541	ng		98
61)	4-Chlorophenyl-phenyle...	10.422	204	105634	11.351	ng		95
62)	4-Nitroaniline	10.428	138	32612	9.187	ng		83
63)	Azobenzene	10.575	77	226316	10.608	ng		94
65)	4,6-Dinitro-2-methylph...	10.457	198	9890	12.344	ng		92
66)	n-Nitrosodiphenylamine	10.533	169	194311	10.984	ng		99
67)	4-Bromophenyl-phenylether	10.910	248	62298	10.765	ng		93
68)	Hexachlorobenzene	10.969	284	65967	10.901	ng		98
69)	Atrazine	11.057	200	52223	10.759	ng		99
70)	Pentachlorophenol	11.163	266	30845	8.524	ng		97
71)	Phenanthrene	11.386	178	307774	11.152	ng		99
72)	Anthracene	11.439	178	313047	11.021	ng		98
73)	Carbazole	11.592	167	294486	10.963	ng		97
74)	Di-n-butylphthalate	11.927	149	341039	10.737	ng		100
75)	Fluoranthene	12.574	202	333656	10.945	ng		100
77)	Benzidine	12.698	184	141564	12.508	ng		99
78)	Pyrene	12.804	202	343874	10.443	ng		98
80)	Butylbenzylphthalate	13.427	149	120776	9.270	ng		97
81)	Benzo(a)anthracene	13.992	228	278262	10.794	ng		98
82)	3,3'-Dichlorobenzidine	13.957	252	85522	10.613	ng		99
83)	Chrysene	14.027	228	273245	10.500	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.992	149	164626	10.109	ng	#	99
85)	Di-n-octyl phthalate	14.610	149	239276	8.820	ng		100
87)	Indeno(1,2,3-cd)pyrene	16.909	276	190183	9.338	ng		99
88)	Benzo(b)fluoranthene	15.039	252	217750	10.459	ng		100
89)	Benzo(k)fluoranthene	15.063	252	214655	10.574	ng		98
90)	Benzo(a)pyrene	15.398	252	196576	10.376	ng		99
91)	Dibenzo(a,h)anthracene	16.933	278	156965	9.506	ng		98
92)	Benzo(g,h,i)perylene	17.351	276	152632	9.167	ng		99

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

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