Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110722\
Data File : BF131042.D
Acq On : 07 Nov 2022 13:55
Operator : CG\JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 07 14:42:15 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 07 13:20:03 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.904	152	88170	20.000	ng		0.00
21) Naphthalene-d8	8.192	136	300359	20.000	ng		0.00
39) Acenaphthene-d10	9.951	164	182662	20.000	ng		0.00
64) Phenanthrene-d10	11.439	188	278854	20.000	ng		0.00
76) Chrysene-d12	14.092	240	174969	20.000	ng		0.00
86) Perylene-d12	15.586	264	153149	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	613658	120.658	ng		0.00
7) Phenol-d6	6.534	99	735439	111.276	ng		0.00
23) Nitrobenzene-d5	7.475	82	730746	146.702	ng		0.00
42) 2,4,6-Tribromophenol	10.745	330	240278	156.264	ng		0.00
45) 2-Fluorobiphenyl	9.269	172	1448075	119.856	ng		0.00
79) Terphenyl-d14	13.033	244	1261678	132.136	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	145284	63.714	ng		97
3) Pyridine	3.445	79	422148	66.097	ng		99
4) n-Nitrosodimethylamine	3.428	42	236299	65.905	ng		99
6) Aniline	6.569	93	508355	62.204	ng		99
8) 2-Chlorophenol	6.692	128	330406	58.318	ng		98
9) Benzaldehyde	6.457	77	210659	49.800	ng		97
10) Phenol	6.551	94	455620	64.062	ng		91
11) bis(2-Chloroethyl)ether	6.645	93	327380	59.048	ng		98
12) 1,3-Dichlorobenzene	6.845	146	364345	56.752	ng		99
13) 1,4-Dichlorobenzene	6.922	146	390182	59.875	ng		97
14) 1,2-Dichlorobenzene	7.075	146	377963	62.626	ng		97
15) Benzyl Alcohol	7.051	79	337188	59.999	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.175	45	513161	51.925	ng		100
17) 2-Methylphenol	7.157	107	267238	55.186	ng		95
18) Hexachloroethane	7.416	117	137414	58.345	ng		99
19) n-Nitroso-di-n-propyla...	7.328	70	238010	52.929	ng		96
20) 3+4-Methylphenols	7.316	107	312122	49.573	ng	#	73
22) Acetophenone	7.322	105	423933	58.214	ng	#	99
24) Nitrobenzene	7.492	77	377305	69.271	ng		99
25) Isophorone	7.733	82	627785	61.117	ng		99
26) 2-Nitrophenol	7.804	139	168333	91.332	ng		91
27) 2,4-Dimethylphenol	7.839	122	248824	58.206	ng		98
28) bis(2-Chloroethoxy)met...	7.939	93	344563	60.063	ng		98
29) 2,4-Dichlorophenol	8.045	162	264803	60.214	ng		95
30) 1,2,4-Trichlorobenzene	8.128	180	291684	61.682	ng		98
31) Naphthalene	8.216	128	920415	58.734	ng		99
32) Benzoic acid	7.986	122	189524	71.411	ng		92
33) 4-Chloroaniline	8.263	127	382102	61.705	ng		95
34) Hexachlorobutadiene	8.322	225	196946	62.739	ng		99
35) Caprolactam	8.657	113	98991m	70.243	ng		
36) 4-Chloro-3-methylphenol	8.745	107	345119	72.349	ng		98
37) 2-Methylnaphthalene	8.904	142	733130	74.375	ng		99
38) 1-Methylnaphthalene	9.004	142	659250	68.723	ng		98
40) 1,2,4,5-Tetrachloroben...	9.069	216	336717	65.004	ng		98
41) Hexachlorocyclopentadiene	9.051	237	176997	65.032	ng		100
43) 2,4,6-Trichlorophenol	9.180	196	240776	66.893	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.222	196	268410	69.798	ng	#	93
46)	1,1'-Biphenyl	9.374	154	821406	63.118	ng		99
47)	2-Chloronaphthalene	9.398	162	660739	63.318	ng		99
48)	2-Nitroaniline	9.498	65	259571	90.342	ng		97
49)	Acenaphthylene	9.816	152	1024967	62.156	ng		99
50)	Dimethylphthalate	9.680	163	815844	65.027	ng		98
51)	2,6-Dinitrotoluene	9.739	165	174585	82.499	ng		99
52)	Acenaphthene	9.986	154	606674	59.496	ng		99
53)	3-Nitroaniline	9.916	138	196504	80.412	ng		99
54)	2,4-Dinitrophenol	10.016	184	102499	122.182	ng		97
55)	Dibenzofuran	10.157	168	802231	54.278	ng		96
56)	4-Nitrophenol	10.069	139	140419	72.570	ng		93
57)	2,4-Dinitrotoluene	10.145	165	206615	80.253	ng		93
58)	Fluorene	10.504	166	678620	58.310	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.274	232	207502	65.448	ng		99
60)	Diethylphthalate	10.374	149	798588	64.721	ng		98
61)	4-Chlorophenyl-phenyle...	10.492	204	339964	61.062	ng		94
62)	4-Nitroaniline	10.533	138	172427	69.681	ng		89
63)	Azobenzene	10.657	77	730354	56.703	ng		98
65)	4,6-Dinitro-2-methylph...	10.557	198	126633	125.113	ng		96
66)	n-Nitrosodiphenylamine	10.616	169	598010	68.753	ng		99
67)	4-Bromophenyl-phenylether	10.986	248	239506	85.406	ng		93
68)	Hexachlorobenzene	11.051	284	223214	72.243	ng		95
69)	Atrazine	11.139	200	158213	62.986	ng		99
70)	Pentachlorophenol	11.245	266	109844	62.301	ng		97
71)	Phenanthrene	11.468	178	910764	63.280	ng		99
72)	Anthracene	11.521	178	894764	63.030	ng		100
73)	Carbazole	11.680	167	769062	60.495	ng		99
74)	Di-n-butylphthalate	11.998	149	1019801	66.051	ng		99
75)	Fluoranthene	12.663	202	1035769	67.733	ng		99
77)	Benzidine	12.780	184	192132	45.236	ng		100
78)	Pyrene	12.892	202	905532	61.343	ng		100
80)	Butylbenzylphthalate	13.504	149	438043	82.480	ng		98
81)	Benzo(a)anthracene	14.080	228	763019	65.775	ng		100
82)	3,3'-Dichlorobenzidine	14.045	252	200985	64.194	ng		98
83)	Chrysene	14.121	228	680385	60.805	ng		100
84)	Bis(2-ethylhexyl)phtha...	14.062	149	455939	71.401	ng	#	99
85)	Di-n-octyl phthalate	14.680	149	689675	78.256	ng		99
87)	Indeno(1,2,3-cd)pyrene	17.121	276	806930	79.342	ng		99
88)	Benzo(b)fluoranthene	15.145	252	623234	62.953	ng		99
89)	Benzo(k)fluoranthene	15.180	252	595277	61.707	ng		100
90)	Benzo(a)pyrene	15.527	252	539429	67.781	ng		99
91)	Dibenzo(a,h)anthracene	17.139	278	661701	79.811	ng		100
92)	Benzo(g,h,i)perylene	17.586	276	690373	81.620	ng		98

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

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