Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011723\
Data File : BF132098.D
Acq On : 17 Jan 2023 16:17
Operator : CG\JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 18 00:10:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 18 00:03:41 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.104	152	221855	20.000	ng		0.00
21) Naphthalene-d8	8.392	136	758967	20.000	ng		0.00
39) Acenaphthene-d10	10.157	164	405666	20.000	ng		0.00
64) Phenanthrene-d10	11.657	188	794805	20.000	ng		0.00
76) Chrysene-d12	14.321	240	383107	20.000	ng		0.00
86) Perylene-d12	15.921	264	360645	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.722	112	1279801	103.221	ng		0.00
7) Phenol-d6	6.722	99	1656988	103.607	ng		0.00
23) Nitrobenzene-d5	7.675	82	1611456	118.711	ng		0.00
42) 2,4,6-Tribromophenol	10.957	330	492865	120.027	ng		0.00
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng		
79) Terphenyl-d14	13.257	244	2617155	115.157	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.081	88	358080	55.134	ng		99
3) Pyridine	3.828	79	994594	56.011	ng		99
4) n-Nitrosodimethylamine	3.804	42	504291	58.162	ng		99
6) Aniline	6.775	93	1248432	54.612	ng		99
8) 2-Chlorophenol	6.892	128	666101	51.299	ng		97
9) Benzaldehyde	6.657	77	531372	50.856	ng		96
10) Phenol	6.734	94	846416	51.058	ng		96
11) bis(2-Chloroethyl)ether	6.839	93	741104	51.828	ng		100
12) 1,3-Dichlorobenzene	7.045	146	741518	51.054	ng		96
13) 1,4-Dichlorobenzene	7.122	146	736579	51.225	ng		97
14) 1,2-Dichlorobenzene	7.281	146	654644	49.524	ng		97
15) Benzyl Alcohol	7.245	79	718308	57.525	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.375	45	1132259	51.851	ng		99
17) 2-Methylphenol	7.339	107	632512	53.192	ng		98
18) Hexachloroethane	7.622	117	288056	55.698	ng		93
19) n-Nitroso-di-n-propyla...	7.522	70	525995	51.637	ng		97
20) 3+4-Methylphenols	7.504	107	739482	50.715	ng	#	83
22) Acetophenone	7.516	105	884144	50.358	ng	#	98
24) Nitrobenzene	7.692	77	829288	57.509	ng		100
25) Isophorone	7.928	82	1654656	57.229	ng		100
26) 2-Nitrophenol	8.004	139	350917	66.339	ng		98
27) 2,4-Dimethylphenol	8.033	122	652760	55.495	ng		99
28) bis(2-Chloroethoxy)met...	8.133	93	873919	52.842	ng		100
29) 2,4-Dichlorophenol	8.239	162	618150	56.166	ng		95
30) 1,2,4-Trichlorobenzene	8.328	180	659346	53.798	ng		99
31) Naphthalene	8.416	128	1933177	51.747	ng		100
32) Benzoic acid	8.169	122	522739m	71.034	ng		
33) 4-Chloroaniline	8.457	127	865300	53.192	ng		99
34) Hexachlorobutadiene	8.528	225	443479	55.433	ng		100
35) Caprolactam	8.857	113	214473m	60.120	ng		
36) 4-Chloro-3-methylphenol	8.933	107	666548	57.493	ng		99
37) 2-Methylnaphthalene	9.110	142	1320737	51.401	ng		99
38) 1-Methylnaphthalene	9.210	142	1238370	51.313	ng		98
40) 1,2,4,5-Tetrachloroben...	9.275	216	677447	52.752	ng		99
41) Hexachlorocyclopentadiene	9.257	237	425000	66.841	ng		98
43) 2,4,6-Trichlorophenol	9.380	196	492512	58.598	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.416	196	564156	58.038	ng		99
46)	1,1'-Biphenyl	9.575	154	1540524	51.178	ng		100
47)	2-Chloronaphthalene	9.604	162	1229002	52.587	ng		99
48)	2-Nitroaniline	9.692	65	476651	68.148	ng		100
49)	Acenaphthylene	10.022	152	1990947	52.317	ng		99
50)	Dimethylphthalate	9.875	163	1584486	54.483	ng		100
51)	2,6-Dinitrotoluene	9.939	165	355822	63.658	ng		98
52)	Acenaphthene	10.198	154	1213484	53.391	ng		98
53)	3-Nitroaniline	10.110	138	385337	62.926	ng		99
54)	2,4-Dinitrophenol	10.210	184	170988	71.071	ng	#	83
55)	Dibenzofuran	10.369	168	1805946	51.294	ng		99
56)	4-Nitrophenol	10.251	139	297573	64.818	ng		94
57)	2,4-Dinitrotoluene	10.345	165	449402	65.982	ng		92
58)	Fluorene	10.716	166	1308506	50.196	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.480	232	441416	57.825	ng		99
60)	Diethylphthalate	10.575	149	1587892	54.631	ng		98
61)	4-Chlorophenyl-phenyle...	10.698	204	709175	51.214	ng		96
62)	4-Nitroaniline	10.739	138	357465	62.616	ng		98
63)	Azobenzene	10.863	77	1529916	52.358	ng		99
65)	4,6-Dinitro-2-methylph...	10.757	198	238182	69.021	ng		86
66)	n-Nitrosodiphenylamine	10.822	169	1249517	52.464	ng		99
67)	4-Bromophenyl-phenylether	11.198	248	479600	53.913	ng		96
68)	Hexachlorobenzene	11.263	284	476143	53.793	ng		97
69)	Atrazine	11.345	200	435792	55.995	ng		99
70)	Pentachlorophenol	11.451	266	374003	62.124	ng		97
71)	Phenanthrene	11.686	178	1981722	50.152	ng		99
72)	Anthracene	11.739	178	2020157	50.464	ng		99
73)	Carbazole	11.886	167	1814424	51.277	ng		99
74)	Di-n-butylphthalate	12.210	149	2238117	53.217	ng		99
75)	Fluoranthene	12.886	202	2142717	50.332	ng		99
77)	Benzidine	12.998	184	600707	59.729	ng		96
78)	Pyrene	13.116	202	2136428	59.262	ng		99
80)	Butylbenzylphthalate	13.727	149	812082	68.393	ng		93
81)	Benzo(a)anthracene	14.310	228	1523132	56.517	ng		99
82)	3,3'-Dichlorobenzidine	14.268	252	426556	60.404	ng		98
83)	Chrysene	14.351	228	1407894	55.538	ng		100
84)	Bis(2-ethylhexyl)phtha...	14.286	149	1031976	63.382	ng		100
85)	Di-n-octyl phthalate	14.927	149	1454854	63.429	ng		100
87)	Indeno(1,2,3-cd)pyrene	17.603	276	1380471	67.347	ng		99
88)	Benzo(b)fluoranthene	15.445	252	1259432	55.089	ng		99
89)	Benzo(k)fluoranthene	15.480	252	1271475	55.074	ng		100
90)	Benzo(a)pyrene	15.857	252	1216017	58.776	ng		99
91)	Dibenzo(a,h)anthracene	17.627	278	1109564	67.437	ng		99
92)	Benzo(g,h,i)perylene	18.121	276	1167242	68.458	ng		99

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

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