Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011923\
Data File : BF132146.D
Acq On : 19 Jan 2023 14:38
Operator : CG\JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 20 00:12:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 20 00:07:35 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.096	152	164101	20.000	ng	0.00
21) Naphthalene-d8	8.384	136	543258	20.000	ng	0.00
39) Acenaphthene-d10	10.148	164	277026	20.000	ng	0.00
64) Phenanthrene-d10	11.642	188	485801	20.000	ng	0.00
76) Chrysene-d12	14.307	240	261239	20.000	ng	0.00
86) Perylene-d12	15.901	264	324061	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.713	112	1059992	112.838	ng	0.00
7) Phenol-d6	6.707	99	1331098	112.564	ng	0.00
23) Nitrobenzene-d5	7.660	82	1263977	123.599	ng	0.00
42) 2,4,6-Tribromophenol	10.942	330	364523	123.189	ng	0.00
45) 2-Fluorobiphenyl	9.460	172	1988942	112.362	ng	0.00
79) Terphenyl-d14	13.236	244	1766851	113.293	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.037	88	283102	59.486	ng	99
3) Pyridine	3.790	79	765012	59.879	ng	98
4) n-Nitrosodimethylamine	3.766	42	374475	62.324	ng	100
6) Aniline	6.760	93	954832m	58.063	ng	
8) 2-Chlorophenol	6.878	128	559128	56.624	ng	98
9) Benzaldehyde	6.643	77	399508	52.515	ng	97
10) Phenol	6.725	94	693090	56.300	ng	99
11) bis(2-Chloroethyl)ether	6.825	93	600050	57.578	ng	100
12) 1,3-Dichlorobenzene	7.037	146	624541	56.582	ng	98
13) 1,4-Dichlorobenzene	7.113	146	623474	56.608	ng	97
14) 1,2-Dichlorobenzene	7.266	146	558505	54.840	ng	97
15) Benzyl Alcohol	7.231	79	543905m	59.323	ng	
16) 2,2'-oxybis(1-Chloropr...	7.360	45	858154	56.657	ng	100
17) 2-Methylphenol	7.331	107	501889	58.018	ng	97
18) Hexachloroethane	7.607	117	238869	60.417	ng	98
19) n-Nitroso-di-n-propyla...	7.507	70	400734	55.324	ng	96
20) 3+4-Methylphenols	7.490	107	619283	56.813	ng	95
22) Acetophenone	7.501	105	719773	55.124	ng	96
24) Nitrobenzene	7.678	77	661651	61.107	ng	100
25) Isophorone	7.913	82	1204344	60.189	ng	98
27) 2,4-Dimethylphenol	8.019	122	509668	58.866	ng	98
28) bis(2-Chloroethoxy)met...	8.119	93	685428	57.094	ng	100
29) 2,4-Dichlorophenol	8.231	162	497669	60.545	ng	99
30) 1,2,4-Trichlorobenzene	8.319	180	533946	57.190	ng	99
31) Naphthalene	8.407	128	1573333	56.391	ng	99
32) Benzoic acid	8.131	122	372112	73.214	ng	92
33) 4-Chloroaniline	8.448	127	668392	55.981	ng	98
34) Hexachlorobutadiene	8.513	225	374047	59.639	ng	99
35) Caprolactam	8.831	113	146867	63.124	ng	97
36) 4-Chloro-3-methylphenol	8.919	107	492144	59.496	ng	98
37) 2-Methylnaphthalene	9.095	142	1067083	55.550	ng	99
38) 1-Methylnaphthalene	9.195	142	992206	55.513	ng	98
40) 1,2,4,5-Tetrachloroben...	9.260	216	554629	57.542	ng	100
41) Hexachlorocyclopentadiene	9.248	237	350854	66.706	ng	98
43) 2,4,6-Trichlorophenol	9.366	196	374625	62.627	ng	98
44) 2,4,5-Trichlorophenol	9.401	196	435398	62.235	ng	98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1'-Biphenyl	9.560	154	1238119	56.650	ng		100
47)	2-Chloronaphthalene	9.589	162	969983	57.413	ng		97
48)	2-Nitroaniline	9.678	65	336394	69.154	ng		94
49)	Acenaphthylene	10.007	152	1538399	56.920	ng		100
50)	Dimethylphthalate	9.860	163	1159801	57.805	ng		99
51)	2,6-Dinitrotoluene	9.919	165	254927	65.553	ng	#	86
52)	Acenaphthene	10.184	154	933128	57.399	ng		98
53)	3-Nitroaniline	10.095	138	254855	61.295	ng		99
54)	2,4-Dinitrophenol	10.195	184	109113	69.468	ng	#	46
55)	Dibenzofuran	10.354	168	1418239	56.451	ng		96
56)	4-Nitrophenol	10.231	139	198311	65.536	ng		88
57)	2,4-Dinitrotoluene	10.325	165	314857	67.450	ng		97
58)	Fluorene	10.701	166	1014678	54.506	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.466	232	331979	62.381	ng		99
60)	Diethylphthalate	10.560	149	1131757	57.521	ng		100
61)	4-Chlorophenyl-phenyle...	10.684	204	559503	56.128	ng		97
62)	4-Nitroaniline	10.713	138	234838	60.667	ng		96
63)	Azobenzene	10.848	77	1125601	57.002	ng		97
65)	4,6-Dinitro-2-methylph...	10.736	198	149779	71.112	ng		96
66)	n-Nitrosodiphenylamine	10.807	169	915576	58.848	ng		99
67)	4-Bromophenyl-phenylether	11.183	248	355646	60.061	ng		94
68)	Hexachlorobenzene	11.248	284	353336	60.040	ng		94
69)	Atrazine	11.325	200	288287	60.057	ng		99
70)	Pentachlorophenol	11.436	266	254300	67.243	ng		98
71)	Phenanthrene	11.672	178	1461486	57.327	ng		99
72)	Anthracene	11.725	178	1465755	56.831	ng		99
73)	Carbazole	11.872	167	1241858	56.370	ng		100
74)	Di-n-butylphthalate	12.195	149	1458925	59.487	ng		99
75)	Fluoranthene	12.866	202	1459641	55.738	ng		99
77)	Benzidine	12.983	184	449922	57.362	ng		98
78)	Pyrene	13.101	202	1436571	59.668	ng		99
80)	Butylbenzylphthalate	13.707	149	489360	70.140	ng		98
81)	Benzo(a)anthracene	14.295	228	1152856	61.773	ng		99
82)	3,3'-Dichlorobenzidine	14.254	252	357350	68.754	ng		99
83)	Chrysene	14.336	228	1081540	60.882	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.266	149	659424	71.576	ng		99
85)	Di-n-octyl phthalate	14.907	149	1066128	75.381	ng		100
87)	Indeno(1,2,3-cd)pyrene	17.571	276	1615101	68.678	ng		99
88)	Benzo(b)fluoranthene	15.424	252	1178524	59.730	ng		99
89)	Benzo(k)fluoranthene	15.454	252	1174837	58.383	ng		99
90)	Benzo(a)pyrene	15.836	252	1208530	63.672	ng		99
91)	Dibenzo(a,h)anthracene	17.595	278	1286113	67.060	ng		99
92)	Benzo(g,h,i)perylene	18.089	276	1382605	68.510	ng		99

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

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