Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021323\
Data File : BF132405.D
Acq On : 13 Feb 2023 12:22
Operator : CG\JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 14 00:11:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 14 00:06:43 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.031	152	113299	20.000	ng		0.00
21) Naphthalene-d8	8.319	136	448187	20.000	ng		0.00
39) Acenaphthene-d10	10.083	164	261105	20.000	ng		0.00
64) Phenanthrene-d10	11.577	188	491451	20.000	ng		0.00
76) Chrysene-d12	14.236	240	375226	20.000	ng		0.00
86) Perylene-d12	15.807	264	390300	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.643	112	114812	16.289	ng		0.00
7) Phenol-d6	6.642	99	173834	20.004	ng		-0.01
23) Nitrobenzene-d5	7.589	82	149714	18.589	ng		-0.01
42) 2,4,6-Tribromophenol	10.872	330	65309	24.323	ng		0.00
45) 2-Fluorobiphenyl	9.389	172	390897	23.119	ng		0.00
79) Terphenyl-d14	13.166	244	438652	22.614	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.907	88	40536	12.222	ng		100
3) Pyridine	3.696	79	77137m	8.573	ng		
4) n-Nitrosodimethylamine	3.625	42	23720	8.239	ng		96
6) Aniline	6.690	93	89991	7.631	ng		99
8) 2-Chlorophenol	6.813	128	81935	11.224	ng		98
9) Benzaldehyde	6.584	77	42456	8.005	ng		91
10) Phenol	6.654	94	91335	10.155	ng		94
11) bis(2-Chloroethyl)ether	6.760	93	89607	12.105	ng		98
12) 1,3-Dichlorobenzene	6.972	146	88966	11.522	ng		97
13) 1,4-Dichlorobenzene	7.048	146	89549	11.619	ng		98
14) 1,2-Dichlorobenzene	7.201	146	85310	11.869	ng		98
15) Benzyl Alcohol	7.160	79	42943	6.772	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.301	45	63335	8.121	ng		98
17) 2-Methylphenol	7.272	107	65910	10.314	ng		97
18) Hexachloroethane	7.548	117	30069	10.400	ng		98
19) n-Nitroso-di-n-propyla...	7.431	70	46362	9.393	ng		97
20) 3+4-Methylphenols	7.419	107	87358	10.711	ng		89
22) Acetophenone	7.437	105	112054	10.631	ng	#	96
24) Nitrobenzene	7.607	77	74471	9.051	ng		97
25) Isophorone	7.842	82	102008	6.673	ng		96
26) 2-Nitrophenol	7.931	139	29684	7.406	ng		96
27) 2,4-Dimethylphenol	7.954	122	53332	7.602	ng		99
28) bis(2-Chloroethoxy)met...	8.054	93	68286	7.269	ng		98
29) 2,4-Dichlorophenol	8.172	162	51831	8.322	ng		97
30) 1,2,4-Trichlorobenzene	8.254	180	71501	10.720	ng		98
31) Naphthalene	8.342	128	240458	10.900	ng		98
32) Benzoic acid	8.013	122	15290m	2.945	ng		
33) 4-Chloroaniline	8.384	127	83873m	8.574	ng		
34) Hexachlorobutadiene	8.454	225	46958	12.524	ng		96
35) Caprolactam	8.719	113	21501	10.126	ng		96
36) 4-Chloro-3-methylphenol	8.854	107	73568	10.964	ng		97
37) 2-Methylnaphthalene	9.031	142	189675	12.693	ng		98
38) 1-Methylnaphthalene	9.131	142	177545	12.785	ng		99
40) 1,2,4,5-Tetrachloroben...	9.195	216	84457	11.494	ng		99
41) Hexachlorocyclopentadiene	9.183	237	44733	10.435	ng		99
43) 2,4,6-Trichlorophenol	9.307	196	55029	10.477	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.348	196	61948	10.247	ng		97
46)	1,1'-Biphenyl	9.495	154	221866	11.022	ng		98
47)	2-Chloronaphthalene	9.525	162	167797	10.944	ng		99
48)	2-Nitroaniline	9.613	65	36571	8.020	ng		97
49)	Acenaphthylene	9.942	152	267420	10.687	ng		100
50)	Dimethylphthalate	9.789	163	200553	10.980	ng		98
51)	2,6-Dinitrotoluene	9.854	165	42594	10.442	ng		92
52)	Acenaphthene	10.113	154	169521	10.821	ng		100
53)	3-Nitroaniline	10.025	138	46502	9.400	ng		99
54)	2,4-Dinitrophenol	10.130	184	16836	8.002	ng		98
55)	Dibenzofuran	10.289	168	244157	11.093	ng		92
56)	4-Nitrophenol	10.178	139	33391	8.970	ng		98
57)	2,4-Dinitrotoluene	10.254	165	55058	10.391	ng		93
58)	Fluorene	10.630	166	189025	11.159	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.401	232	48418	10.986	ng		99
60)	Diethylphthalate	10.489	149	196323	10.805	ng		98
61)	4-Chlorophenyl-phenyle...	10.619	204	93712	11.657	ng		99
62)	4-Nitroaniline	10.636	138	45852	9.666	ng		98
63)	Azobenzene	10.778	77	164032	9.268	ng		97
65)	4,6-Dinitro-2-methylph...	10.666	198	26111	9.361	ng		94
66)	n-Nitrosodiphenylamine	10.736	169	161757	10.511	ng		99
67)	4-Bromophenyl-phenylether	11.113	248	56226	11.173	ng		92
68)	Hexachlorobenzene	11.183	284	62845	11.684	ng	#	88
69)	Atrazine	11.260	200	41613	9.401	ng		98
70)	Pentachlorophenol	11.377	266	33240m	8.994	ng		
71)	Phenanthrene	11.601	178	279031	10.865	ng		99
72)	Anthracene	11.654	178	284719	10.894	ng		99
73)	Carbazole	11.807	167	243614	10.396	ng		98
74)	Di-n-butylphthalate	12.130	149	305138	11.014	ng		98
75)	Fluoranthene	12.801	202	286988	10.951	ng		97
77)	Benzidine	12.924	184	35012	2.669	ng	#	96
78)	Pyrene	13.030	202	294900	9.771	ng		99
80)	Butylbenzylphthalate	13.642	149	118419	8.881	ng		99
81)	Benzo(a)anthracene	14.224	228	274514	10.460	ng		98
82)	3,3'-Dichlorobenzidine	14.183	252	78927	9.442	ng		98
83)	Chrysene	14.266	228	254828	10.370	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.201	149	173305	9.616	ng		99
85)	Di-n-octyl phthalate	14.830	149	254511	8.658	ng		99
87)	Indeno(1,2,3-cd)pyrene	17.412	276	247717	9.552	ng		98
88)	Benzo(b)fluoranthene	15.330	252	248512	10.017	ng		98
89)	Benzo(k)fluoranthene	15.360	252	239136m	10.098	ng		
90)	Benzo(a)pyrene	15.730	252	227928	9.866	ng		98
91)	Dibenzo(a,h)anthracene	17.436	278	209004	10.024	ng		100
92)	Benzo(g,h,i)perylene	17.906	276	200529	9.309	ng		98

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

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