Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012023\
Data File : BF132164.D
Acq On : 20 Jan 2023 16:40
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 21 03:53:36 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 00:50:42 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.090	152	175584	20.000	ng	0.00
21) Naphthalene-d8	8.378	136	590884	20.000	ng	0.00
39) Acenaphthene-d10	10.142	164	314145	20.000	ng	0.00
64) Phenanthrene-d10	11.642	188	631542	20.000	ng	0.00
76) Chrysene-d12	14.307	240	364265	20.000	ng	0.00
86) Perylene-d12	15.901	264	316916	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.707	112	783256	77.926	ng	0.00
7) Phenol-d6	6.701	99	991931	78.397	ng	0.00
23) Nitrobenzene-d5	7.654	82	929182	83.538	ng	0.00
42) 2,4,6-Tribromophenol	10.936	330	290439	86.555	ng	0.00
45) 2-Fluorobiphenyl	9.454	172	1537809	71.530	ng	0.00
79) Terphenyl-d14	13.236	244	1753140	80.620	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.019	88	209354	41.113	ng	99
3) Pyridine	3.778	79	563820	41.245	ng	99
4) n-Nitrosodimethylamine	3.743	42	263601	41.002	ng	99
6) Aniline	6.754	93	692444	39.511	ng	99
8) 2-Chlorophenol	6.872	128	419812	39.735	ng	99
9) Benzaldehyde	6.642	77	321966	39.554	ng	99
10) Phenol	6.713	94	524478	39.818	ng	99
11) bis(2-Chloroethyl)ether	6.819	93	436932	39.184	ng	99
12) 1,3-Dichlorobenzene	7.031	146	452668	38.329	ng	99
13) 1,4-Dichlorobenzene	7.107	146	456734	38.757	ng	99
14) 1,2-Dichlorobenzene	7.266	146	421431	38.675	ng	98
15) Benzyl Alcohol	7.225	79	389314m	40.227	ng	
16) 2,2'-oxybis(1-Chloropr...	7.360	45	623784	38.490	ng	99
17) 2-Methylphenol	7.325	107	367095	39.660	ng	99
18) Hexachloroethane	7.607	117	171225	40.476	ng	98
19) n-Nitroso-di-n-propyla...	7.495	70	292458	37.735	ng	98
20) 3+4-Methylphenols	7.478	107	466332	39.983	ng	93
22) Acetophenone	7.495	105	544080	38.310	ng	96
24) Nitrobenzene	7.672	77	482635	40.981	ng	100
25) Isophorone	7.907	82	858522	39.448	ng	99
26) 2-Nitrophenol	7.989	139	207296	46.464	ng	99
27) 2,4-Dimethylphenol	8.013	122	376742	40.006	ng	99
28) bis(2-Chloroethoxy)met...	8.119	93	512581	39.255	ng	99
29) 2,4-Dichlorophenol	8.225	162	367359	41.089	ng	99
30) 1,2,4-Trichlorobenzene	8.319	180	396183	39.014	ng	99
31) Naphthalene	8.401	128	1191679	39.269	ng	99
32) Benzoic acid	8.107	122	267589m	43.447	ng	
33) 4-Chloroaniline	8.442	127	525672	40.479	ng	98
34) Hexachlorobutadiene	8.513	225	265244	38.882	ng	99
35) Caprolactam	8.813	113	116327	45.882	ng	99
36) 4-Chloro-3-methylphenol	8.913	107	368836	40.995	ng	98
37) 2-Methylnaphthalene	9.095	142	812781	38.901	ng	98
38) 1-Methylnaphthalene	9.195	142	750019	38.580	ng	99
40) 1,2,4,5-Tetrachloroben...	9.260	216	420230	38.447	ng	99
41) Hexachlorocyclopentadiene	9.242	237	239961	40.232	ng	96
43) 2,4,6-Trichlorophenol	9.366	196	284696	41.969	ng	98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.401	196	328449	41.400	ng		98
46)	1,1'-Biphenyl	9.560	154	941310	37.981	ng		100
47)	2-Chloronaphthalene	9.589	162	745058	38.889	ng		100
48)	2-Nitroaniline	9.678	65	261720	42.996	ng		99
49)	Acenaphthylene	10.007	152	1203173	39.256	ng		99
50)	Dimethylphthalate	9.854	163	911609	40.067	ng		100
51)	2,6-Dinitrotoluene	9.919	165	206783	46.890	ng		99
52)	Acenaphthene	10.178	154	719203	39.012	ng		98
53)	3-Nitroaniline	10.089	138	222119	47.109	ng		99
54)	2,4-Dinitrophenol	10.189	184	90478	46.708	ng		88
55)	Dibenzofuran	10.354	168	1099571	38.595	ng		99
56)	4-Nitrophenol	10.230	139	164762	48.015	ng		96
57)	2,4-Dinitrotoluene	10.325	165	260362	49.185	ng	#	82
58)	Fluorene	10.695	166	811964	38.463	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.460	232	260285	43.130	ng		99
60)	Diethylphthalate	10.560	149	915944	41.052	ng		100
61)	4-Chlorophenyl-phenyle...	10.683	204	440094	38.932	ng		100
62)	4-Nitroaniline	10.707	138	209454	47.716	ng		98
63)	Azobenzene	10.848	77	882720	39.420	ng		99
65)	4,6-Dinitro-2-methylph...	10.730	198	135744	44.460	ng		97
66)	n-Nitrosodiphenylamine	10.801	169	754210	37.289	ng		99
67)	4-Bromophenyl-phenylether	11.177	248	288791	37.516	ng		98
68)	Hexachlorobenzene	11.248	284	289841	37.885	ng		98
69)	Atrazine	11.325	200	256252	41.064	ng		99
70)	Pentachlorophenol	11.436	266	219432	44.633	ng		97
71)	Phenanthrene	11.666	178	1263501	38.124	ng		100
72)	Anthracene	11.719	178	1278169	38.122	ng		100
73)	Carbazole	11.872	167	1154292	40.304	ng		100
74)	Di-n-butylphthalate	12.195	149	1334437	41.855	ng		100
75)	Fluoranthene	12.866	202	1412423	41.488	ng		99
77)	Benzidine	12.983	184	522111	47.739	ng		98
78)	Pyrene	13.101	202	1414545	42.136	ng		99
80)	Butylbenzylphthalate	13.707	149	489012	44.913	ng		96
81)	Benzo(a)anthracene	14.295	228	1055433	40.558	ng		99
82)	3,3'-Dichlorobenzidine	14.248	252	300596	41.477	ng	#	98
83)	Chrysene	14.330	228	971594	39.224	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.266	149	600615	41.510	ng		100
85)	Di-n-octyl phthalate	14.907	149	741305	37.242	ng		99
87)	Indeno(1,2,3-cd)pyrene	17.565	276	980668	39.299	ng		100
88)	Benzo(b)fluoranthene	15.418	252	808566	41.904	ng		99
89)	Benzo(k)fluoranthene	15.454	252	758452	38.541	ng		100
90)	Benzo(a)pyrene	15.830	252	750850	40.451	ng		99
91)	Dibenzo(a,h)anthracene	17.583	278	790728	42.159	ng		98
92)	Benzo(g,h,i)perylene	18.077	276	848184	39.619	ng		98

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

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