Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012723\
Data File : BF132199.D
Acq On : 27 Jan 2023 14:22
Operator : CG\JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 28 01:41:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 28 01:38:37 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.078	152	225041	20.000	ng	0.00
21) Naphthalene-d8	8.366	136	810988	20.000	ng	0.00
39) Acenaphthene-d10	10.131	164	412971	20.000	ng	0.00
64) Phenanthrene-d10	11.630	188	756026	20.000	ng	0.00
76) Chrysene-d12	14.295	240	454533	20.000	ng	0.00
86) Perylene-d12	15.883	264	370497	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.696	112	582501	43.067	ng	0.00
7) Phenol-d6	6.684	99	730148	43.053	ng	-0.01
23) Nitrobenzene-d5	7.643	82	660435	42.634	ng	0.00
42) 2,4,6-Tribromophenol	10.925	330	152379	39.848	ng	0.00
45) 2-Fluorobiphenyl	9.442	172	1198370	42.699	ng	0.00
79) Terphenyl-d14	13.225	244	1195546	41.325	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.019	88	139163	20.442	ng	99
3) Pyridine	3.772	79	386680	20.681	ng	99
4) n-Nitrosodimethylamine	3.725	42	129622	20.714	ng	97
6) Aniline	6.743	93	503069m	21.321	ng	
8) 2-Chlorophenol	6.860	128	295286	21.773	ng	98
9) Benzaldehyde	6.631	77	238188	21.647	ng	99
10) Phenol	6.701	94	383435	21.718	ng	94
11) bis(2-Chloroethyl)ether	6.807	93	327865	21.528	ng	97
12) 1,3-Dichlorobenzene	7.019	146	323008	21.424	ng	99
13) 1,4-Dichlorobenzene	7.095	146	323086	21.495	ng	100
14) 1,2-Dichlorobenzene	7.254	146	305603	21.887	ng	98
15) Benzyl Alcohol	7.213	79	266783	21.422	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.348	45	381096	22.036	ng	98
17) 2-Methylphenol	7.313	107	266386	21.603	ng	98
18) Hexachloroethane	7.595	117	116818	21.151	ng	98
19) n-Nitroso-di-n-propyla...	7.484	70	225632	22.105	ng	98
20) 3+4-Methylphenols	7.466	107	344697	22.242	ng	90
22) Acetophenone	7.484	105	430682	21.720	ng	99
24) Nitrobenzene	7.660	77	338674	21.147	ng	99
25) Isophorone	7.895	82	610972	20.508	ng	99
26) 2-Nitrophenol	7.978	139	113211	19.162	ng	94
27) 2,4-Dimethylphenol	8.001	122	258619	20.759	ng	99
28) bis(2-Chloroethoxy)met...	8.101	93	394655	21.517	ng	98
29) 2,4-Dichlorophenol	8.213	162	241833	20.789	ng	99
30) 1,2,4-Trichlorobenzene	8.307	180	279661	20.927	ng	99
31) Naphthalene	8.390	128	858401	21.392	ng	100
32) Benzoic acid	8.084	122	121459	16.524	ng	94
33) 4-Chloroaniline	8.431	127	369620	21.248	ng	99
34) Hexachlorobutadiene	8.501	225	172314	20.642	ng	98
35) Caprolactam	8.789	113	67057	20.360	ng	99
36) 4-Chloro-3-methylphenol	8.895	107	248609	20.870	ng	96
37) 2-Methylnaphthalene	9.084	142	591001	21.466	ng	100
38) 1-Methylnaphthalene	9.184	142	547477	21.436	ng	99
40) 1,2,4,5-Tetrachloroben...	9.248	216	291332	21.021	ng	99
41) Hexachlorocyclopentadiene	9.231	237	136524	19.394	ng	97
43) 2,4,6-Trichlorophenol	9.354	196	174906	20.683	ng	99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.389	196	206931	20.895	ng		98
46)	1,1'-Biphenyl	9.548	154	698685	21.954	ng		97
47)	2-Chloronaphthalene	9.572	162	531912	21.534	ng		98
48)	2-Nitroaniline	9.666	65	138530	20.882	ng		91
49)	Acenaphthylene	9.995	152	828836	21.596	ng		99
50)	Dimethylphthalate	9.842	163	592679	21.147	ng		100
51)	2,6-Dinitrotoluene	9.901	165	123058	20.668	ng		97
52)	Acenaphthene	10.166	154	503087	21.320	ng		98
53)	3-Nitroaniline	10.078	138	137428	20.859	ng		95
54)	2,4-Dinitrophenol	10.178	184	41982	16.458	ng	#	60
55)	Dibenzofuran	10.336	168	760245	21.506	ng		97
56)	4-Nitrophenol	10.213	139	91705	19.265	ng		95
57)	2,4-Dinitrotoluene	10.307	165	149905	20.450	ng		98
58)	Fluorene	10.683	166	581856	21.549	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.448	232	143759	20.430	ng		99
60)	Diethylphthalate	10.542	149	584900	21.409	ng		99
61)	4-Chlorophenyl-phenyle...	10.672	204	304454	21.374	ng		96
62)	4-Nitroaniline	10.689	138	127726	20.661	ng		98
63)	Azobenzene	10.831	77	628789	21.809	ng		96
65)	4,6-Dinitro-2-methylph...	10.713	198	62247	17.432	ng		92
66)	n-Nitrosodiphenylamine	10.789	169	504906	21.267	ng		99
67)	4-Bromophenyl-phenylether	11.166	248	178430	20.501	ng		96
68)	Hexachlorobenzene	11.231	284	177892	20.627	ng		95
69)	Atrazine	11.313	200	145614	21.370	ng		99
70)	Pentachlorophenol	11.425	266	108060	18.984	ng		98
71)	Phenanthrene	11.654	178	828769	21.549	ng		99
72)	Anthracene	11.707	178	847985	21.652	ng		99
73)	Carbazole	11.860	167	724097	21.522	ng		99
74)	Di-n-butylphthalate	12.183	149	860734	22.487	ng		98
75)	Fluoranthene	12.854	202	853313	21.805	ng		98
77)	Benzidine	12.972	184	243308	20.508	ng		100
78)	Pyrene	13.089	202	872291	20.482	ng		98
80)	Butylbenzylphthalate	13.695	149	257560	19.932	ng		99
81)	Benzo(a)anthracene	14.283	228	650749	20.362	ng		99
82)	3,3'-Dichlorobenzidine	14.236	252	179277	20.701	ng	#	98
83)	Chrysene	14.319	228	616743	20.708	ng		100
84)	Bis(2-ethylhexyl)phtha...	14.254	149	353174	20.493	ng		99
85)	Di-n-octyl phthalate	14.889	149	426485	17.216	ng		99
87)	Indeno(1,2,3-cd)pyrene	17.536	276	479621	19.580	ng		99
88)	Benzo(b)fluoranthene	15.401	252	473498	20.809	ng		98
89)	Benzo(k)fluoranthene	15.436	252	492670	20.983	ng		99
90)	Benzo(a)pyrene	15.813	252	439438	20.463	ng		98
91)	Dibenzo(a,h)anthracene	17.554	278	397345	19.840	ng		99
92)	Benzo(g,h,i)perylene	18.036	276	397538	19.468	ng		100

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

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