Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011823\
Data File : BF132114.D
Acq On : 18 Jan 2023 12:11
Operator : CG\JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 18 13:12:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 18 13:09:04 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.101	152	218586	20.000	ng	0.00
21) Naphthalene-d8	8.389	136	774585	20.000	ng	0.00
39) Acenaphthene-d10	10.154	164	429946	20.000	ng	0.00
64) Phenanthrene-d10	11.648	188	834876	20.000	ng	0.00
76) Chrysene-d12	14.312	240	429497	20.000	ng	0.00
86) Perylene-d12	15.912	264	387278	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.719	112	963475	74.222	ng	0.00
7) Phenol-d6	6.713	99	1234990	70.684	ng	0.00
23) Nitrobenzene-d5	7.666	82	1194153	62.586	ng	0.00
42) 2,4,6-Tribromophenol	10.948	330	376017	79.903	ng	0.00
45) 2-Fluorobiphenyl	9.466	172	1911269	62.272	ng	0.00
79) Terphenyl-d14	13.248	244	2079386	75.455	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.072	88	260591	42.958	ng	100
3) Pyridine	3.813	79	700252	40.483	ng	100
4) n-Nitrosodimethylamine	3.784	42	347376	44.389	ng	100
6) Aniline	6.766	93	875790	40.602	ng	100
8) 2-Chlorophenol	6.884	128	513187	36.807	ng	100
9) Benzaldehyde	6.654	77	416974	35.569	ng	100
10) Phenol	6.725	94	634131	30.399	ng	100
11) bis(2-Chloroethyl)ether	6.831	93	551321	36.932	ng	100
12) 1,3-Dichlorobenzene	7.042	146	565117	35.856	ng	100
13) 1,4-Dichlorobenzene	7.119	146	566941	35.192	ng	100
14) 1,2-Dichlorobenzene	7.272	146	506674	33.590	ng	100
15) Benzyl Alcohol	7.236	79	523932	33.573	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.366	45	827746	43.486	ng	100
17) 2-Methylphenol	7.336	107	465553	35.370	ng	100
18) Hexachloroethane	7.613	117	215012	33.668	ng	100
19) n-Nitroso-di-n-propyla...	7.513	70	385489	30.592	ng	100
20) 3+4-Methylphenols	7.489	107	581875	34.349	ng	100
22) Acetophenone	7.507	105	682745	30.204	ng	100
24) Nitrobenzene	7.684	77	622806	32.108	ng	100
25) Isophorone	7.919	82	1168365	36.057	ng	100
26) 2-Nitrophenol	7.995	139	269889	35.602	ng	100
27) 2,4-Dimethylphenol	8.025	122	490502	45.429	ng	100
28) bis(2-Chloroethoxy)met...	8.125	93	653098	37.955	ng	100
29) 2,4-Dichlorophenol	8.236	162	471178	36.149	ng	100
30) 1,2,4-Trichlorobenzene	8.325	180	504450	32.920	ng	100
31) Naphthalene	8.413	128	1486833	35.148	ng	100
32) Benzoic acid	8.136	122	370758m	42.898	ng	
33) 4-Chloroaniline	8.448	127	677015	41.037	ng	100
34) Hexachlorobutadiene	8.519	225	335967	32.588	ng	100
35) Caprolactam	8.836	113	160186	40.757	ng	100
36) 4-Chloro-3-methylphenol	8.925	107	495379	33.270	ng	100
37) 2-Methylnaphthalene	9.101	142	1033887	35.830	ng	100
38) 1-Methylnaphthalene	9.201	142	970300	34.719	ng	100
40) 1,2,4,5-Tetrachloroben...	9.266	216	534433	36.332	ng	100
41) Hexachlorocyclopentadiene	9.254	237	310373	46.572	ng	100
43) 2,4,6-Trichlorophenol	9.372	196	368682	38.368	ng	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	9.407	196	432958	41.621	ng	100
46)	1,1'-Biphenyl	9.566	154	1222557	37.803	ng	100
47)	2-Chloronaphthalene	9.595	162	951542	35.932	ng	100
48)	2-Nitroaniline	9.683	65	361739	37.899	ng	100
49)	Acenaphthylene	10.013	152	1557559	39.214	ng	100
50)	Dimethylphthalate	9.866	163	1204016	37.217	ng	100
51)	2,6-Dinitrotoluene	9.925	165	275485	39.602	ng	100
52)	Acenaphthene	10.189	154	928484	38.159	ng	100
53)	3-Nitroaniline	10.101	138	290655	40.835	ng	100
54)	2,4-Dinitrophenol	10.201	184	119007	28.552	ng	100
55)	Dibenzofuran	10.360	168	1431445	38.365	ng	100
56)	4-Nitrophenol	10.242	139	213289	41.868	ng	100
57)	2,4-Dinitrotoluene	10.330	165	346833	37.104	ng	100
58)	Fluorene	10.707	166	1040790	34.502	ng	100
59)	2,3,4,6-Tetrachlorophenol	10.472	232	348673	40.150	ng	100
60)	Diethylphthalate	10.566	149	1238630	39.735	ng	100
61)	4-Chlorophenyl-phenyle...	10.695	204	568665	35.468	ng	100
62)	4-Nitroaniline	10.719	138	258509	36.087	ng	100
63)	Azobenzene	10.854	77	1189072	34.736	ng	100
65)	4,6-Dinitro-2-methylph...	10.742	198	173479	30.265	ng	100
66)	n-Nitrosodiphenylamine	10.813	169	972635	37.567	ng	100
67)	4-Bromophenyl-phenylether	11.189	248	373464	37.875	ng	100
68)	Hexachlorobenzene	11.254	284	373980	34.485	ng	100
69)	Atrazine	11.336	200	341059	39.519	ng	100
70)	Pentachlorophenol	11.442	266	283377	49.233	ng	100
71)	Phenanthrene	11.677	178	1603071	35.213	ng	100
72)	Anthracene	11.730	178	1607179	36.056	ng	100
73)	Carbazole	11.877	167	1422658	36.890	ng	100
74)	Di-n-butylphthalate	12.201	149	1762697	36.708	ng	100
75)	Fluoranthene	12.877	202	1711760	33.762	ng	100
77)	Benzidine	12.989	184	531232	67.453	ng	100
78)	Pyrene	13.107	202	1679858	43.019	ng	100
80)	Butylbenzylphthalate	13.718	149	631697	45.866	ng	100
81)	Benzo(a)anthracene	14.301	228	1226563	39.653	ng	100
82)	3,3'-Dichlorobenzidine	14.260	252	359334	41.608	ng	100
83)	Chrysene	14.342	228	1120535	38.380	ng	100
84)	Bis(2-ethylhexyl)phtha...	14.277	149	812529	49.476	ng	100
85)	Di-n-octyl phthalate	14.918	149	1098275	47.908	ng	100
87)	Indeno(1,2,3-cd)pyrene	17.583	276	1021448	39.267	ng	100
88)	Benzo(b)fluoranthene	15.430	252	993988	36.278	ng	100
89)	Benzo(k)fluoranthene	15.465	252	941672	35.221	ng	100
90)	Benzo(a)pyrene	15.842	252	924511	42.598	ng	100
91)	Dibenzo(a,h)anthracene	17.601	278	829689	38.595	ng	100
92)	Benzo(g,h,i)perylene	18.095	276	857168	40.342	ng	100

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

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