Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120722\
Data File : BF131547.D
Acq On : 07 Dec 2022 21:13
Operator : CG\JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 08 03:48:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 08 03:39:47 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Christian Giraldo

12/08/2022

Supervised By :Jagrut Upadhyay

12/08/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.916	152	66490	20.000	ng		0.00
21) Naphthalene-d8	8.204	136	219632	20.000	ng		0.00
39) Acenaphthene-d10	9.969	164	136087	20.000	ng		0.00
64) Phenanthrene-d10	11.463	188	243424	20.000	ng		0.00
76) Chrysene-d12	14.115	240	147426	20.000	ng		0.00
86) Perylene-d12	15.621	264	118721	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	612587	157.333	ng		0.00
7) Phenol-d6	6.551	99	808184	166.220	ng		0.02
23) Nitrobenzene-d5	7.492	82	938088	196.031	ng		0.01
42) 2,4,6-Tribromophenol	10.769	330	269762	174.093	ng		0.01
45) 2-Fluorobiphenyl	9.292	172	1775378	171.143	ng		0.00
79) Terphenyl-d14	13.057	244	1831947	187.657	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	130727	78.432	ng		99
3) Pyridine	3.451	79	376110	80.838	ng		97
4) n-Nitrosodimethylamine	3.440	42	206615	86.656	ng		96
6) Aniline	6.587	93	480491	80.051	ng		100
8) 2-Chlorophenol	6.704	128	324669	78.085	ng		95
10) Phenol	6.563	94	455673m	82.847	ng		
11) bis(2-Chloroethyl)ether	6.657	93	339702	83.622	ng		99
12) 1,3-Dichlorobenzene	6.857	146	378071	77.902	ng		98
13) 1,4-Dichlorobenzene	6.934	146	385953	77.814	ng		97
14) 1,2-Dichlorobenzene	7.092	146	369046	79.857	ng		99
15) Benzyl Alcohol	7.069	79	387769	95.351	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.192	45	421626	105.882	ng		98
17) 2-Methylphenol	7.169	107	295931	85.209	ng		98
18) Hexachloroethane	7.428	117	157287	85.355	ng		95
19) n-Nitroso-di-n-propyla...	7.351	70	312711	95.031	ng		95
20) 3+4-Methylphenols	7.334	107	412001	87.722	ng	#	86
22) Acetophenone	7.339	105	563999	94.634	ng	#	96
24) Nitrobenzene	7.510	77	474637	98.302	ng		95
25) Isophorone	7.751	82	783910	105.310	ng		100
26) 2-Nitrophenol	7.822	139	176160	99.647	ng		100
27) 2,4-Dimethylphenol	7.857	122	269572	92.874	ng		99
28) bis(2-Chloroethoxy)met...	7.957	93	403907	97.877	ng		99
29) 2,4-Dichlorophenol	8.063	162	316584	94.167	ng		98
30) 1,2,4-Trichlorobenzene	8.145	180	381220	90.748	ng		99
31) Naphthalene	8.234	128	1018592	83.889	ng		99
32) Benzoic acid	8.022	122	213270	121.841	ng		94
33) 4-Chloroaniline	8.281	127	363755	79.984	ng		99
34) Hexachlorobutadiene	8.339	225	277347	92.436	ng		99
35) Caprolactam	8.692	113	77789m	82.425	ng		
36) 4-Chloro-3-methylphenol	8.769	107	357778	99.552	ng		93
37) 2-Methylnaphthalene	8.922	142	714698	87.960	ng		99
38) 1-Methylnaphthalene	9.028	142	696396	89.195	ng		99
40) 1,2,4,5-Tetrachloroben...	9.086	216	417203	82.989	ng		100
41) Hexachlorocyclopentadiene	9.069	237	228975	101.113	ng		98
43) 2,4,6-Trichlorophenol	9.204	196	262236	86.277	ng		99
44) 2,4,5-Trichlorophenol	9.245	196	278790	86.007	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.392	154	887058	82.664	ng		98
47) 2-Chloronaphthalene	9.422	162	711157	81.130	ng		98
48) 2-Nitroaniline	9.516	65	252433	99.668	ng		96
49) Acenaphthylene	9.839	152	1050940	80.262	ng		100
50) Dimethylphthalate	9.704	163	861612	87.598	ng		100
51) 2,6-Dinitrotoluene	9.763	165	178871	85.108	ng		97
52) Acenaphthene	10.010	154	725874m	85.446	ng		
53) 3-Nitroaniline	9.939	138	165668	75.308	ng		89
55) Dibenzofuran	10.180	168	1003111	80.886	ng		99
56) 4-Nitrophenol	10.092	139	121160	78.925	ng		98
57) 2,4-Dinitrotoluene	10.169	165	239579	86.879	ng	#	82
58) Fluorene	10.527	166	838344	81.919	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.298	232	239028m	86.932	ng		
60) Diethylphthalate	10.398	149	851048	87.756	ng		99
61) 4-Chlorophenyl-phenyle...	10.516	204	464263	87.699	ng		99
62) 4-Nitroaniline	10.563	138	166945	76.114	ng		98
63) Azobenzene	10.675	77	912020	95.370	ng		98
65) 4,6-Dinitro-2-methylph...	10.580	198	144861	108.455	ng		97
66) n-Nitrosodiphenylamine	10.639	169	670091	87.711	ng		100
67) 4-Bromophenyl-phenylether	11.010	248	272153	89.360	ng		92
68) Hexachlorobenzene	11.069	284	292150	86.556	ng		95
69) Atrazine	11.169	200	193873	85.821	ng		99
70) Pentachlorophenol	11.263	266	166265	91.999	ng		98
71) Phenanthrene	11.492	178	1128388	83.422	ng		99
72) Anthracene	11.545	178	1103096	82.950	ng		99
73) Carbazole	11.698	167	902187	80.589	ng		100
74) Di-n-butylphthalate	12.022	149	1268241	101.468	ng		100
75) Fluoranthene	12.686	202	1188068	79.808	ng		99
77) Benzidine	12.804	184	142234	61.923	ng		98
78) Pyrene	12.916	202	1156007	87.547	ng		100
80) Butylbenzylphthalate	13.527	149	414383	116.341	ng		93
81) Benzo(a)anthracene	14.104	228	867708	86.186	ng		98
82) 3,3'-Dichlorobenzidine	14.068	252	226059	82.913	ng		98
83) Chrysene	14.145	228	834845	86.255	ng		99
84) Bis(2-ethylhexyl)phtha...	14.086	149	535887	134.632	ng		96
85) Di-n-octyl phthalate	14.710	149	770112	164.542	ng		100
87) Indeno(1,2,3-cd)pyrene	17.180	276	759330	93.097	ng		99
88) Benzo(b)fluoranthene	15.180	252	706699m	91.637	ng		
89) Benzo(k)fluoranthene	15.215	252	663646	79.275	ng		100
90) Benzo(a)pyrene	15.568	252	558791	87.313	ng		98
91) Dibenzo(a,h)anthracene	17.204	278	644979	98.560	ng		100
92) Benzo(g,h,i)perylene	17.656	276	615368	88.761	ng		97

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

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