Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011823\
Data File : BF132111.D
Acq On : 18 Jan 2023 10:32
Operator : CG\JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 18 13:11:14 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 :
SSTDICC005

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	7.095	152	216078	20.000	ng		0.00
21) Naphthalene-d8	8.384	136	791518	20.000	ng		0.00
39) Acenaphthene-d10	10.148	164	445925	20.000	ng		0.00
64) Phenanthrene-d10	11.648	188	900943	20.000	ng		0.00
76) Chrysene-d12	14.313	240	622601	20.000	ng		0.00
86) Perylene-d12	15.913	264	439436	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.707	112	149763	11.671	ng		-0.01
7) Phenol-d6	6.695	99	194669	11.271	ng		-0.02
23) Nitrobenzene-d5	7.654	82	159131	8.162	ng		-0.01
42) 2,4,6-Tribromophenol	10.936	330	53359	10.932	ng		-0.01
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng		
79) Terphenyl-d14	13.236	244	452248	11.321	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.066	88	36507	6.088	ng		96
3) Pyridine	3.813	79	92357	5.401	ng		96
4) n-Nitrosodimethylamine	3.754	42	43327m	5.601	ng		
6) Aniline	6.754	93	124420	5.835	ng		98
8) 2-Chlorophenol	6.872	128	79223	5.748	ng		98
9) Benzaldehyde	6.648	77	68676	5.926	ng		97
10) Phenol	6.707	94	99545	4.827	ng		92
11) bis(2-Chloroethyl)ether	6.819	93	82289	5.576	ng		99
12) 1,3-Dichlorobenzene	7.037	146	87361	5.607	ng		97
13) 1,4-Dichlorobenzene	7.113	146	86305	5.419	ng		98
14) 1,2-Dichlorobenzene	7.266	146	84188	5.646	ng		95
15) Benzyl Alcohol	7.225	79	65551m	4.249	ng		
16) 2,2'-oxybis(1-Chloropr...	7.360	45	122544	6.513	ng		98
17) 2-Methylphenol	7.325	107	67786	5.210	ng		97
18) Hexachloroethane	7.613	117	29914	4.739	ng		95
19) n-Nitroso-di-n-propyla...	7.490	70	59396	4.768	ng		97
20) 3+4-Methylphenols	7.478	107	88334	5.275	ng		96
22) Acetophenone	7.495	105	117597	5.091	ng	#	96
24) Nitrobenzene	7.672	77	85954	4.336	ng		98
25) Isophorone	7.907	82	163316	4.932	ng		98
26) 2-Nitrophenol	7.989	139	28206	3.641	ng		91
27) 2,4-Dimethylphenol	8.013	122	75730	6.864	ng		93
28) bis(2-Chloroethoxy)met...	8.119	93	102738	5.843	ng		96
29) 2,4-Dichlorophenol	8.225	162	65912	4.949	ng		97
30) 1,2,4-Trichlorobenzene	8.319	180	77531	4.951	ng		98
31) Naphthalene	8.407	128	243471	5.632	ng		98
33) 4-Chloroaniline	8.442	127	100978	5.990	ng		94
34) Hexachlorobutadiene	8.519	225	48032	4.559	ng		98
35) Caprolactam	8.772	113	19156	4.770	ng		90
36) 4-Chloro-3-methylphenol	8.907	107	66672	4.382	ng		96
37) 2-Methylnaphthalene	9.095	142	168803	5.725	ng		99
38) 1-Methylnaphthalene	9.195	142	159092	5.571	ng		100
40) 1,2,4,5-Tetrachloroben...	9.260	216	86488	5.669	ng		97
41) Hexachlorocyclopentadiene	9.248	237	31976	4.626	ng		98
43) 2,4,6-Trichlorophenol	9.366	196	44321	4.447	ng		97
44) 2,4,5-Trichlorophenol	9.401	196	61011	5.655	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.560	154	205691	6.132	ng		100
47) 2-Chloronaphthalene	9.589	162	156607	5.702	ng		94
48) 2-Nitroaniline	9.678	65	39190	3.959	ng		90
49) Acenaphthylene	10.007	152	250699	6.086	ng		97
50) Dimethylphthalate	9.848	163	192415	5.735	ng		99
51) 2,6-Dinitrotoluene	9.913	165	34333	4.759	ng		97
52) Acenaphthene	10.183	154	152646	6.049	ng		99
53) 3-Nitroaniline	10.083	138	36510	4.946	ng	#	94
55) Dibenzofuran	10.354	168	244153	6.309	ng		92
56) 4-Nitrophenol	10.219	139	22781	4.312	ng		94
57) 2,4-Dinitrotoluene	10.319	165	38946	4.017	ng	#	87
58) Fluorene	10.695	166	187603	5.996	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.466	232	48018	5.331	ng		99
60) Diethylphthalate	10.554	149	193715	5.992	ng		98
61) 4-Chlorophenyl-phenyle...	10.689	204	97077	5.838	ng		96
62) 4-Nitroaniline	10.695	138	33476	4.506	ng		88
63) Azobenzene	10.848	77	193017	5.436	ng		96
65) 4,6-Dinitro-2-methylph...	10.725	198	14164	2.290	ng		100
66) n-Nitrosodiphenylamine	10.801	169	165848	5.936	ng		99
67) 4-Bromophenyl-phenylether	11.183	248	58713	5.518	ng		96
68) Hexachlorobenzene	11.248	284	59455	5.080	ng		95
69) Atrazine	11.325	200	51257	5.504	ng		97
70) Pentachlorophenol	11.442	266	30982	4.988	ng		98
71) Phenanthrene	11.672	178	284356	5.788	ng		98
72) Anthracene	11.725	178	287262	5.972	ng		98
73) Carbazole	11.872	167	245831	5.907	ng		98
74) Di-n-butylphthalate	12.201	149	290643	5.609	ng		98
75) Fluoranthene	12.872	202	308872	5.645	ng		98
77) Benzidine	12.989	184	81796	7.165	ng		98
78) Pyrene	13.101	202	317867	5.615	ng		98
80) Butylbenzylphthalate	13.719	149	89058	4.461	ng		96
81) Benzo(a)anthracene	14.301	228	237001	5.285	ng		97
82) 3,3'-Dichlorobenzidine	14.260	252	47466	3.791	ng		99
83) Chrysene	14.336	228	227000	5.364	ng		99
84) Bis(2-ethylhexyl)phtha...	14.277	149	129239	5.429	ng		98
85) Di-n-octyl phthalate	14.913	149	132427	3.985	ng		96
87) Indeno(1,2,3-cd)pyrene	17.565	276	98610	3.341	ng		98
88) Benzo(b)fluoranthene	15.424	252	149168	4.798	ng		99
89) Benzo(k)fluoranthene	15.454	252	153972	5.075	ng		98
90) Benzo(a)pyrene	15.836	252	121860	4.948	ng		96
91) Dibenzo(a,h)anthracene	17.589	278	78680	3.226	ng		97
92) Benzo(g,h,i)perylene	18.071	276	83582	3.467	ng		95

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

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