Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021224\
Data File : BF137356.D
Acq On : 12 Feb 2024 15:01
Operator : CG\JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 13 02:13:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 13 02:09:23 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.781	152	169309	20.000	ng		0.00
21) Naphthalene-d8	8.063	136	681345	20.000	ng		0.00
39) Acenaphthene-d10	9.816	164	349828	20.000	ng		0.00
64) Phenanthrene-d10	11.304	188	572870	20.000	ng		0.00
76) Chrysene-d12	13.962	240	334088	20.000	ng		0.00
86) Perylene-d12	15.445	264	292225	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.410	112	107417	9.510	ng		0.00
7) Phenol-d6	6.410	99	159853	10.133	ng		-0.01
23) Nitrobenzene-d5	7.339	82	119945	9.036	ng		-0.01
42) 2,4,6-Tribromophenol	10.604	330	27098	8.435	ng		-0.01
45) 2-Fluorobiphenyl	9.133	172	285284	12.081	ng		-0.01
79) Terphenyl-d14	12.904	244	243192	10.419	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.522	88	30787	5.163	ng		96
3) Pyridine	3.304	79	50703m	3.903	ng		
6) Aniline	6.445	93	61552	4.181	ng	#	78
8) 2-Chlorophenol	6.563	128	60803	5.125	ng		98
9) Benzaldehyde	6.339	77	43630m	5.276	ng		
10) Phenol	6.428	94	82596	4.878	ng		97
11) bis(2-Chloroethyl)ether	6.516	93	61516	4.809	ng		96
12) 1,3-Dichlorobenzene	6.722	146	71340	5.251	ng		99
13) 1,4-Dichlorobenzene	6.798	146	74295	5.310	ng		95
14) 1,2-Dichlorobenzene	6.951	146	71008	5.552	ng		98
15) Benzyl Alcohol	6.928	79	37466	4.273	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.057	45	105186	5.403	ng		96
17) 2-Methylphenol	7.033	107	46900	4.655	ng		96
18) Hexachloroethane	7.286	117	25912	5.290	ng		92
19) n-Nitroso-di-n-propyla...	7.186	70	43940	4.885	ng		98
20) 3+4-Methylphenols	7.192	107	57287	4.873	ng	#	89
22) Acetophenone	7.186	105	86833	5.236	ng	#	96
24) Nitrobenzene	7.357	77	62307	4.474	ng		92
25) Isophorone	7.592	82	145358	5.177	ng		96
26) 2-Nitrophenol	7.681	139	19447	3.675	ng		98
27) 2,4-Dimethylphenol	7.716	122	35835	4.722	ng		99
28) bis(2-Chloroethoxy)met...	7.816	93	77412	4.847	ng		97
29) 2,4-Dichlorophenol	7.922	162	44633	4.544	ng		100
30) 1,2,4-Trichlorobenzene	8.004	180	59609	5.279	ng		98
31) Naphthalene	8.080	128	200411	5.447	ng		99
33) 4-Chloroaniline	8.145	127	49830	4.183	ng		96
34) Hexachlorobutadiene	8.198	225	35725	5.253	ng		99
36) 4-Chloro-3-methylphenol	8.616	107	49227	4.611	ng		98
37) 2-Methylnaphthalene	8.775	142	119066	5.273	ng		99
38) 1-Methylnaphthalene	8.869	142	119033	5.354	ng		100
40) 1,2,4,5-Tetrachloroben...	8.939	216	55627	5.274	ng		99
43) 2,4,6-Trichlorophenol	9.051	196	30749	4.559	ng		94
44) 2,4,5-Trichlorophenol	9.092	196	36715m	4.963	ng		
46) 1,1'-Biphenyl	9.239	154	150811	5.545	ng		99
47) 2-Chloronaphthalene	9.263	162	117073	5.379	ng		99
48) 2-Nitroaniline	9.363	65	10788	6.053	ng	#	86

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
49)	Acenaphthylene	9.674	152	171677	5.398	ng		99
50)	Dimethylphthalate	9.539	163	128206	5.108	ng		99
51)	2,6-Dinitrotoluene	9.598	165	19076	3.800	ng	#	79
52)	Acenaphthene	9.845	154	108639	5.536	ng		98
53)	3-Nitroaniline	9.780	138	12026	5.274	ng		100
55)	Dibenzofuran	10.022	168	156217	5.372	ng		100
57)	2,4-Dinitrotoluene	10.004	165	19710	3.648	ng	#	82
58)	Fluorene	10.363	166	126437	5.625	ng		97
59)	2,3,4,6-Tetrachlorophenol	10.139	232	27150m	4.601	ng		
60)	Diethylphthalate	10.239	149	118722	5.031	ng		96
61)	4-Chlorophenyl-phenyle...	10.363	204	61049	5.475	ng		97
62)	4-Nitroaniline	10.410	138	8193m	5.446	ng		
63)	Azobenzene	10.522	77	131314	5.055	ng		98
66)	n-Nitrosodiphenylamine	10.480	169	91159	5.041	ng		99
67)	4-Bromophenyl-phenylether	10.857	248	31757	4.929	ng		95
68)	Hexachlorobenzene	10.910	284	37797	5.192	ng		96
69)	Atrazine	11.010	200	18129	4.471	ng		94
70)	Pentachlorophenol	11.110	266	14475	3.659	ng		95
71)	Phenanthrene	11.327	178	168895	5.477	ng		98
72)	Anthracene	11.380	178	156133	5.087	ng		99
73)	Carbazole	11.545	167	124275	4.690	ng		98
74)	Di-n-butylphthalate	11.886	149	101167	3.656	ng	#	98
75)	Fluoranthene	12.527	202	152712	5.087	ng		98
77)	Benzidine	12.674	184	2227m	2.112	ng		
78)	Pyrene	12.757	202	157727	5.148	ng		97
80)	Butylbenzylphthalate	13.392	149	7447	7.064	ng	#	83
81)	Benzo(a)anthracene	13.951	228	111153	4.783	ng		99
83)	Chrysene	13.986	228	122654	5.160	ng		95
84)	Bis(2-ethylhexyl)phtha...	13.957	149	11263	6.445	ng	#	99
87)	Indeno(1,2,3-cd)pyrene	16.933	276	75996	4.351	ng		99
88)	Benzo(b)fluoranthene	15.009	252	89119	4.655	ng		99
89)	Benzo(k)fluoranthene	15.039	252	93376	5.126	ng		99
90)	Benzo(a)pyrene	15.380	252	73200	4.576	ng		100
91)	Dibenzo(a,h)anthracene	16.962	278	56483	4.050	ng		99
92)	Benzo(g,h,i)perylene	17.380	276	66596	4.552	ng		100

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

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