Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101323\
Data File : BF135753.D
Acq On : 13 Oct 2023 14:55
Operator : CG\JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 13 17:06:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 13 16:43:54 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.740	152	120605	20.000	ng		0.00
21) Naphthalene-d8	8.022	136	469032	20.000	ng		0.00
39) Acenaphthene-d10	9.781	164	241232	20.000	ng		0.00
64) Phenanthrene-d10	11.275	188	457818	20.000	ng		0.00
76) Chrysene-d12	13.945	240	281967	20.000	ng		0.00
86) Perylene-d12	15.415	264	280273	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	874230	116.541	ng		0.00
7) Phenol-d6	6.404	99	1043696	111.509	ng		0.00
23) Nitrobenzene-d5	7.322	82	1015484	119.077	ng		0.00
42) 2,4,6-Tribromophenol	10.580	330	260065	112.348	ng		0.00
45) 2-Fluorobiphenyl	9.104	172	1593586	103.286	ng		0.00
79) Terphenyl-d14	12.874	244	1727360	113.450	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.434	88	214628	59.317	ng		99
3) Pyridine	3.181	79	550699	61.771	ng		96
4) n-Nitrosodimethylamine	3.169	42	304100	63.696	ng		97
6) Aniline	6.416	93	660424	56.069	ng	#	59
8) 2-Chlorophenol	6.534	128	464860	57.466	ng		97
9) Benzaldehyde	6.304	77	266647	50.053	ng		99
10) Phenol	6.416	94	552638	56.349	ng		98
11) bis(2-Chloroethyl)ether	6.487	93	466093	58.982	ng		98
12) 1,3-Dichlorobenzene	6.681	146	464946	56.694	ng		99
13) 1,4-Dichlorobenzene	6.757	146	466981	56.210	ng		99
14) 1,2-Dichlorobenzene	6.916	146	409378	54.727	ng		98
15) Benzyl Alcohol	6.904	79	348330	55.971	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.022	45	794407	55.585	ng		96
17) 2-Methylphenol	7.016	107	394904	56.392	ng		97
18) Hexachloroethane	7.245	117	174974	58.088	ng		94
19) n-Nitroso-di-n-propyla...	7.169	70	309303	53.446	ng		98
20) 3+4-Methylphenols	7.175	107	474912	54.399	ng		92
22) Acetophenone	7.163	105	602998	56.057	ng		95
24) Nitrobenzene	7.340	77	508071	59.362	ng		98
25) Isophorone	7.575	82	962426	59.820	ng		98
26) 2-Nitrophenol	7.645	139	255001	61.051	ng		95
27) 2,4-Dimethylphenol	7.692	122	401504	58.391	ng		98
28) bis(2-Chloroethoxy)met...	7.781	93	557134	58.148	ng		99
29) 2,4-Dichlorophenol	7.892	162	375429	58.262	ng		97
30) 1,2,4-Trichlorobenzene	7.969	180	369666	56.090	ng		99
31) Naphthalene	8.045	128	1272098	55.605	ng		99
32) Benzoic acid	7.869	122	319394m	68.796	ng		
33) 4-Chloroaniline	8.104	127	554276	55.464	ng		99
34) Hexachlorobutadiene	8.157	225	220111	56.424	ng		98
35) Caprolactam	8.510	113	127693m	57.903	ng		
36) 4-Chloro-3-methylphenol	8.604	107	415302	58.117	ng		98
37) 2-Methylnaphthalene	8.739	142	833610	55.306	ng		99
38) 1-Methylnaphthalene	8.839	142	775960	55.816	ng		99
40) 1,2,4,5-Tetrachloroben...	8.904	216	386503	55.699	ng		100
41) Hexachlorocyclopentadiene	8.881	237	68917	61.218	ng		98
43) 2,4,6-Trichlorophenol	9.028	196	256806	57.430	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.075	196	299335	57.554	ng		99
46)	1,1'-Biphenyl	9.204	154	1008747	54.590	ng		97
47)	2-Chloronaphthalene	9.234	162	754484	56.653	ng		98
48)	2-Nitroaniline	9.339	65	314217	59.774	ng		96
49)	Acenaphthylene	9.645	152	1203992	54.630	ng		99
50)	Dimethylphthalate	9.516	163	938157	57.610	ng		99
51)	2,6-Dinitrotoluene	9.586	165	203629	58.147	ng		97
52)	Acenaphthene	9.816	154	728238	55.129	ng		99
53)	3-Nitroaniline	9.763	138	251083	58.488	ng		97
54)	2,4-Dinitrophenol	9.881	184	104456	71.456	ng		97
55)	Dibenzofuran	9.992	168	1069770	53.671	ng		99
56)	4-Nitrophenol	9.945	139	114675	59.791	ng		97
57)	2,4-Dinitrotoluene	9.998	165	253625	56.927	ng	#	86
58)	Fluorene	10.339	166	846694	54.261	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.116	232	229860	58.481	ng		98
60)	Diethylphthalate	10.216	149	925268	55.655	ng		99
61)	4-Chlorophenyl-phenyle...	10.328	204	407986	54.098	ng		93
62)	4-Nitroaniline	10.386	138	236143	59.786	ng		99
63)	Azobenzene	10.486	77	923997	57.206	ng		99
65)	4,6-Dinitro-2-methylph...	10.416	198	158989	69.005	ng		95
66)	n-Nitrosodiphenylamine	10.451	169	786269	56.347	ng		99
67)	4-Bromophenyl-phenylether	10.816	248	265472	57.765	ng		97
68)	Hexachlorobenzene	10.886	284	266911	57.045	ng		99
69)	Atrazine	10.986	200	210614	55.490	ng		98
70)	Pentachlorophenol	11.092	266	127607	70.133	ng		97
71)	Phenanthrene	11.304	178	1181076	53.853	ng		99
72)	Anthracene	11.357	178	1228883	54.073	ng		99
73)	Carbazole	11.522	167	1142055	53.882	ng		99
74)	Di-n-butylphthalate	11.845	149	1393785	53.559	ng		100
75)	Fluoranthene	12.504	202	1300357	53.422	ng		97
77)	Benzidine	12.627	184	286475	46.560	ng		100
78)	Pyrene	12.733	202	1331533	59.426	ng		99
80)	Butylbenzylphthalate	13.351	149	582078	59.117	ng		99
81)	Benzo(a)anthracene	13.933	228	1068580	57.696	ng		99
82)	3,3'-Dichlorobenzidine	13.898	252	343854	55.980	ng	#	97
83)	Chrysene	13.974	228	1023244	57.041	ng		100
84)	Bis(2-ethylhexyl)phtha...	13.916	149	776480	58.185	ng	#	97
85)	Di-n-octyl phthalate	14.533	149	1199384	56.678	ng		100
87)	Indeno(1,2,3-cd)pyrene	16.927	276	963965	63.122	ng		100
88)	Benzo(b)fluoranthene	14.992	252	905124	57.703	ng		98
89)	Benzo(k)fluoranthene	15.015	252	829756	54.486	ng		99
90)	Benzo(a)pyrene	15.357	252	849547	57.596	ng		99
91)	Dibenzo(a,h)anthracene	16.927	278	785651	62.756	ng		99
92)	Benzo(g,h,i)perylene	17.374	276	829344	64.491	ng		99

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

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