Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062623\
Data File : BF133960.D
Acq On : 26 Jun 2023 19:21
Operator : CG\JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 26 23:08:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 26 22:39:13 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/29/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.851	152	123745	20.000	ng		0.00
21) Naphthalene-d8	8.134	136	439759	20.000	ng		0.00
39) Acenaphthene-d10	9.892	164	219649	20.000	ng		0.00
64) Phenanthrene-d10	11.386	188	421294	20.000	ng		0.00
76) Chrysene-d12	14.045	240	211616	20.000	ng		0.00
86) Perylene-d12	15.545	264	240271	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	1023930	138.413	ng		0.00
7) Phenol-d6	6.504	99	1262165	138.736	ng		0.01
23) Nitrobenzene-d5	7.428	82	1188822	145.725	ng		0.01
42) 2,4,6-Tribromophenol	10.692	330	396104	143.831	ng		0.00
45) 2-Fluorobiphenyl	9.216	172	2010526	133.080	ng		0.00
79) Terphenyl-d14	12.986	244	1957634	148.885	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.628	88	222344	72.893	ng		99
3) Pyridine	3.416	79	619162	77.670	ng		98
4) n-Nitrosodimethylamine	3.399	42	353019	77.796	ng		95
6) Aniline	6.534	93	787974	71.177	ng		100
8) 2-Chlorophenol	6.645	128	512944	68.306	ng		100
10) Phenol	6.516	94	642005	67.117	ng		86
11) bis(2-Chloroethyl)ether	6.598	93	498504	70.787	ng		100
12) 1,3-Dichlorobenzene	6.798	146	560242	69.978	ng		97
13) 1,4-Dichlorobenzene	6.875	146	557211	68.907	ng		98
14) 1,2-Dichlorobenzene	7.028	146	503621	66.500	ng		100
15) Benzyl Alcohol	7.004	79	485424	69.213	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.134	45	862672	69.243	ng		99
17) 2-Methylphenol	7.110	107	480788	71.497	ng		98
18) Hexachloroethane	7.363	117	211576	70.564	ng		97
19) n-Nitroso-di-n-propyla...	7.281	70	389989	67.596	ng		99
20) 3+4-Methylphenols	7.269	107	530120	64.981	ng		94
22) Acetophenone	7.269	105	684856	68.477	ng	#	96
24) Nitrobenzene	7.445	77	602240	73.053	ng		95
25) Isophorone	7.681	82	1106905	74.657	ng		99
26) 2-Nitrophenol	7.751	139	303768	76.812	ng		94
27) 2,4-Dimethylphenol	7.792	122	453400	72.428	ng		97
28) bis(2-Chloroethoxy)met...	7.886	93	616566	71.819	ng		100
29) 2,4-Dichlorophenol	7.998	162	445522	71.771	ng		97
30) 1,2,4-Trichlorobenzene	8.075	180	460595	71.910	ng		99
31) Naphthalene	8.157	128	1468561	69.136	ng		99
32) Benzoic acid	7.945	122	395741m	86.030	ng		
33) 4-Chloroaniline	8.210	127	647849	71.299	ng		99
34) Hexachlorobutadiene	8.269	225	287456	71.145	ng		98
35) Caprolactam	8.610	113	155369m	76.016	ng		
36) 4-Chloro-3-methylphenol	8.698	107	509026	72.994	ng		98
37) 2-Methylnaphthalene	8.851	142	1029791	68.556	ng		99
38) 1-Methylnaphthalene	8.951	142	956305	68.481	ng		99
40) 1,2,4,5-Tetrachloroben...	9.016	216	463542	71.232	ng		99
41) Hexachlorocyclopentadiene	8.998	237	270008	87.459	ng		99
43) 2,4,6-Trichlorophenol	9.128	196	322403	72.779	ng		99
44) 2,4,5-Trichlorophenol	9.169	196	378609	72.659	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.316	154	1211668	68.769	ng		98
47) 2-Chloronaphthalene	9.339	162	904542	70.166	ng		96
48) 2-Nitroaniline	9.439	65	356553	75.890	ng		99
49) Acenaphthylene	9.757	152	1495956	67.930	ng		99
50) Dimethylphthalate	9.628	163	1149283	72.081	ng		99
51) 2,6-Dinitrotoluene	9.686	165	250101	72.828	ng	#	87
52) Acenaphthene	9.933	154	894241	69.981	ng		99
53) 3-Nitroaniline	9.857	138	307824	74.717	ng		98
54) 2,4-Dinitrophenol	9.963	184	154482	77.995	ng		97
55) Dibenzofuran	10.104	168	1330615	66.629	ng		99
56) 4-Nitrophenol	10.022	139	222158	77.090	ng		94
57) 2,4-Dinitrotoluene	10.092	165	319832	70.521	ng	#	84
58) Fluorene	10.451	166	1041383	67.027	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	297908	72.479	ng		98
60) Diethylphthalate	10.322	149	1144865	68.920	ng		100
61) 4-Chlorophenyl-phenyle...	10.439	204	502170	67.068	ng		98
62) 4-Nitroaniline	10.480	138	301617	72.645	ng		99
63) Azobenzene	10.598	77	1123914	71.527	ng		95
65) 4,6-Dinitro-2-methylph...	10.504	198	193590	84.284	ng		79
66) n-Nitrosodiphenylamine	10.563	169	963438	71.575	ng		99
67) 4-Bromophenyl-phenylether	10.927	248	330523	73.813	ng		92
68) Hexachlorobenzene	10.998	284	348030	73.201	ng		93
69) Atrazine	11.092	200	256413	68.868	ng		98
70) Pentachlorophenol	11.192	266	227788	80.129	ng		97
71) Phenanthrene	11.416	178	1475753	69.583	ng		100
72) Anthracene	11.469	178	1513696	68.619	ng		100
73) Carbazole	11.622	167	1406753	69.672	ng		99
74) Di-n-butylphthalate	11.951	149	1667024	69.427	ng		98
75) Fluoranthene	12.610	202	1511710	65.931	ng		99
77) Benzidine	12.727	184	353863	70.277	ng		98
78) Pyrene	12.839	202	1525478	77.460	ng		99
80) Butylbenzylphthalate	13.463	149	563950	76.353	ng		94
81) Benzo(a)anthracene	14.033	228	1072359	73.069	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	325254	69.952	ng	#	97
83) Chrysene	14.074	228	1044236	73.462	ng		100
84) Bis(2-ethylhexyl)phtha...	14.021	149	651991	76.822	ng		99
85) Di-n-octyl phthalate	14.645	149	1080705	86.660	ng		100
87) Indeno(1,2,3-cd)pyrene	17.104	276	1393036	83.553	ng		99
88) Benzo(b)fluoranthene	15.104	252	1054653	74.649	ng		98
89) Benzo(k)fluoranthene	15.139	252	984683	68.454	ng		98
90) Benzo(a)pyrene	15.486	252	1022180	74.821	ng		98
91) Dibenzo(a,h)anthracene	17.133	278	1108556	81.405	ng		98
92) Benzo(g,h,i)perylene	17.586	276	1167023	83.102	ng		99

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

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