Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082024\
Data File : BF139084.D
Acq On : 20 Aug 2024 20:11
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: Aug 21 01:17:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 21 01:09:46 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	116767	20.000	ng		0.00
21) Naphthalene-d8	8.181	136	414853	20.000	ng		0.00
39) Acenaphthene-d10	9.939	164	238087	20.000	ng		0.00
64) Phenanthrene-d10	11.422	188	424289	20.000	ng		0.00
76) Chrysene-d12	14.063	240	234868	20.000	ng		0.00
86) Perylene-d12	15.533	264	215767	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	848645	111.817	ng		0.00
7) Phenol-d6	6.528	99	1114003	113.596	ng		0.00
23) Nitrobenzene-d5	7.469	82	973376	136.720	ng		0.00
42) 2,4,6-Tribromophenol	10.728	330	283705	131.627	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	1655383	110.315	ng		0.00
79) Terphenyl-d14	13.010	244	1867052	131.903	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.693	88	192666	59.186	ng		99
3) Pyridine	3.446	79	483377	58.435	ng		99
4) n-Nitrosodimethylamine	3.416	42	280755	56.184	ng		99
6) Aniline	6.563	93	494161m	55.818	ng		
8) 2-Chlorophenol	6.687	128	415028	56.854	ng		99
9) Benzaldehyde	6.451	77	286216	49.764	ng		99
10) Phenol	6.545	94	569365	55.800	ng		96
11) bis(2-Chloroethyl)ether	6.640	93	453791	55.512	ng		97
12) 1,3-Dichlorobenzene	6.840	146	496266	56.543	ng		99
13) 1,4-Dichlorobenzene	6.916	146	499243	56.891	ng		99
14) 1,2-Dichlorobenzene	7.075	146	458713	57.195	ng		100
15) Benzyl Alcohol	7.040	79	448065	57.809	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.175	45	635410	54.970	ng		99
17) 2-Methylphenol	7.145	107	357526	57.249	ng		98
18) Hexachloroethane	7.416	117	176274	57.284	ng		94
19) n-Nitroso-di-n-propyla...	7.322	70	348317	54.086	ng		98
20) 3+4-Methylphenols	7.304	107	454495	56.170	ng		94
22) Acetophenone	7.310	105	614826	58.044	ng	#	90
24) Nitrobenzene	7.487	77	526257	66.501	ng		100
25) Isophorone	7.722	82	897722	59.325	ng		99
26) 2-Nitrophenol	7.798	139	173893	61.265	ng		99
27) 2,4-Dimethylphenol	7.834	122	275889	57.495	ng		99
28) bis(2-Chloroethoxy)met...	7.934	93	517880	58.571	ng		99
29) 2,4-Dichlorophenol	8.034	162	361119	60.407	ng		98
30) 1,2,4-Trichlorobenzene	8.122	180	411787	58.827	ng		100
31) Naphthalene	8.204	128	1234480	58.721	ng		100
32) Benzoic acid	7.969	122	256052	60.659	ng		95
33) 4-Chloroaniline	8.257	127	427007	59.308	ng		99
34) Hexachlorobutadiene	8.322	225	267627	58.528	ng		100
35) Caprolactam	8.639	113	117296	61.896	ng		98
36) 4-Chloro-3-methylphenol	8.728	107	400116	60.448	ng		99
37) 2-Methylnaphthalene	8.892	142	770749	57.159	ng		100
38) 1-Methylnaphthalene	8.992	142	754101	57.945	ng		99
40) 1,2,4,5-Tetrachloroben...	9.057	216	393492	61.546	ng		99
41) Hexachlorocyclopentadiene	9.045	237	159087	63.503	ng		98
43) 2,4,6-Trichlorophenol	9.169	196	264292	60.084	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	273227	60.514	ng		99
46) 1,1'-Biphenyl	9.363	154	955936	58.612	ng		100
47) 2-Chloronaphthalene	9.386	162	769095	58.036	ng		100
48) 2-Nitroaniline	9.475	65	239544	61.293	ng		97
49) Acenaphthylene	9.798	152	1107542	58.342	ng		100
50) Dimethylphthalate	9.663	163	876931	59.661	ng		100
51) 2,6-Dinitrotoluene	9.722	165	185432	61.494	ng		98
52) Acenaphthene	9.975	154	737080	58.779	ng		97
53) 3-Nitroaniline	9.892	138	185121	60.833	ng		98
54) 2,4-Dinitrophenol	9.992	184	69592	62.322	ng	#	61
55) Dibenzofuran	10.145	168	1055676	57.960	ng		100
56) 4-Nitrophenol	10.039	139	154276	69.438	ng		99
57) 2,4-Dinitrotoluene	10.122	165	234505	61.661	ng		99
58) Fluorene	10.486	166	827038	56.818	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	230511	63.585	ng		99
60) Diethylphthalate	10.363	149	869390	59.695	ng		99
61) 4-Chlorophenyl-phenyle...	10.480	204	412033	56.677	ng		98
62) 4-Nitroaniline	10.510	138	190012	61.824	ng		98
63) Azobenzene	10.639	77	944357	58.350	ng		99
65) 4,6-Dinitro-2-methylph...	10.533	198	105631	62.597	ng		91
66) n-Nitrosodiphenylamine	10.598	169	714187	56.888	ng		99
67) 4-Bromophenyl-phenylether	10.969	248	262967	58.490	ng		97
68) Hexachlorobenzene	11.028	284	287218	59.547	ng		100
69) Atrazine	11.122	200	212515	55.426	ng		99
70) Pentachlorophenol	11.222	266	198256	64.347	ng		99
71) Phenanthrene	11.445	178	1214149	56.300	ng		99
72) Anthracene	11.498	178	1197552	56.781	ng		100
73) Carbazole	11.651	167	1109602	56.342	ng		99
74) Di-n-butylphthalate	11.986	149	1291288	56.547	ng		100
75) Fluoranthene	12.633	202	1286842	55.906	ng		100
77) Benzidine	12.757	184	271453	55.952	ng		99
78) Pyrene	12.863	202	1296045	66.124	ng		100
80) Butylbenzylphthalate	13.486	149	453833	66.928	ng		99
81) Benzo(a)anthracene	14.051	228	901578	58.395	ng		100
82) 3,3'-Dichlorobenzidine	14.016	252	230868	53.496	ng		99
83) Chrysene	14.086	228	818271	58.472	ng		99
84) Bis(2-ethylhexyl)phtha...	14.045	149	566628	63.032	ng		100
85) Di-n-octyl phthalate	14.663	149	737539	58.456	ng		100
87) Indeno(1,2,3-cd)pyrene	17.021	276	886371	70.191	ng		100
88) Benzo(b)fluoranthene	15.104	252	841181	59.800	ng		100
89) Benzo(k)fluoranthene	15.133	252	605420	51.676	ng		99
90) Benzo(a)pyrene	15.474	252	659846	59.365	ng		100
91) Dibenzo(a,h)anthracene	17.045	278	721676	69.619	ng		100
92) Benzo(g,h,i)perylene	17.474	276	744241	61.977	ng		100

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

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