Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011025\
Data File : BF141111.D
Acq On : 10 Jan 2025 13:17
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Jan 10 22:18:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:16:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.822	152	152818	20.000	ng		0.00
21) Naphthalene-d8	8.098	136	604478	20.000	ng		0.00
39) Acenaphthene-d10	9.857	164	323407	20.000	ng		0.00
64) Phenanthrene-d10	11.339	188	565570	20.000	ng		0.00
76) Chrysene-d12	13.986	240	345946	20.000	ng		0.00
86) Perylene-d12	15.463	264	298779	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	213934	21.626	ng		0.00
7) Phenol-d6	6.434	99	271016	21.628	ng		-0.01
23) Nitrobenzene-d5	7.375	82	235613	20.662	ng		-0.01
42) 2,4,6-Tribromophenol	10.639	330	75448	20.474	ng		-0.01
45) 2-Fluorobiphenyl	9.175	172	471901	22.282	ng		0.00
79) Terphenyl-d14	12.927	244	492528	21.161	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.528	88	45563	10.343	ng		98
3) Pyridine	3.269	79	116138	10.751	ng		99
4) n-Nitrosodimethylamine	3.199	42	54661	10.348	ng	#	97
6) Aniline	6.475	93	120980	10.874	ng		98
8) 2-Chlorophenol	6.598	128	112757	10.624	ng		100
9) Benzaldehyde	6.369	77	87029	12.433	ng		99
10) Phenol	6.446	94	145362	10.837	ng		99
11) bis(2-Chloroethyl)ether	6.551	93	104839	10.487	ng		99
12) 1,3-Dichlorobenzene	6.757	146	127000	10.729	ng		99
13) 1,4-Dichlorobenzene	6.840	146	126297	10.588	ng		98
14) 1,2-Dichlorobenzene	6.987	146	120656	10.844	ng		99
15) Benzyl Alcohol	6.951	79	94737	10.469	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.093	45	146135	10.476	ng		99
17) 2-Methylphenol	7.063	107	89782	10.478	ng		98
18) Hexachloroethane	7.334	117	45125	10.461	ng		98
19) n-Nitroso-di-n-propyla...	7.222	70	77270	10.468	ng		98
20) 3+4-Methylphenols	7.216	107	116842	10.809	ng	#	89
22) Acetophenone	7.222	105	155933	10.851	ng		98
24) Nitrobenzene	7.393	77	123929	10.428	ng		98
25) Isophorone	7.634	82	201958	10.363	ng		98
26) 2-Nitrophenol	7.716	139	52430	9.698	ng		99
27) 2,4-Dimethylphenol	7.745	122	73818	10.123	ng		99
28) bis(2-Chloroethoxy)met...	7.845	93	126489	10.342	ng		99
29) 2,4-Dichlorophenol	7.951	162	89559	10.341	ng		97
30) 1,2,4-Trichlorobenzene	8.040	180	103848	10.490	ng		100
31) Naphthalene	8.122	128	340302	10.675	ng		99
32) Benzoic acid	7.810	122	63791	9.119	ng		96
33) 4-Chloroaniline	8.169	127	117726	10.679	ng		99
34) Hexachlorobutadiene	8.240	225	62610	10.496	ng		98
35) Caprolactam	8.498	113	27881	9.814	ng		89
36) 4-Chloro-3-methylphenol	8.640	107	97256	10.268	ng		97
37) 2-Methylnaphthalene	8.810	142	217446	10.704	ng		100
38) 1-Methylnaphthalene	8.910	142	215158	10.747	ng		100
40) 1,2,4,5-Tetrachloroben...	8.981	216	97255	10.477	ng		100
41) Hexachlorocyclopentadiene	8.969	237	29312	9.652	ng		98
43) 2,4,6-Trichlorophenol	9.087	196	62070	9.915	ng		99

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44) 2,4,5-Trichlorophenol	9.122	196	67822	10.258	ng		98
46) 1,1'-Biphenyl	9.275	154	270164	10.757	ng		100
47) 2-Chloronaphthalene	9.298	162	208316	10.649	ng		99
48) 2-Nitroaniline	9.392	65	57839	9.974	ng		98
49) Acenaphthylene	9.716	152	294365	10.532	ng		99
50) Dimethylphthalate	9.575	163	227434	10.475	ng		99
51) 2,6-Dinitrotoluene	9.634	165	51195	10.140	ng		96
52) Acenaphthene	9.886	154	204827	10.490	ng		100
53) 3-Nitroaniline	9.798	138	52358	10.205	ng		98
54) 2,4-Dinitrophenol	9.904	184	15639	6.517	ng	#	1
55) Dibenzofuran	10.063	168	280708	10.569	ng		99
56) 4-Nitrophenol	9.951	139	39013	9.709	ng		97
57) 2,4-Dinitrotoluene	10.034	165	64903	9.975	ng		95
58) Fluorene	10.404	166	226791	10.991	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.175	232	57812	10.519	ng		97
60) Diethylphthalate	10.275	149	225896	10.657	ng		99
61) 4-Chlorophenyl-phenyle...	10.398	204	108674	10.806	ng		100
62) 4-Nitroaniline	10.410	138	50381	10.033	ng		97
63) Azobenzene	10.557	77	220351	10.536	ng		99
65) 4,6-Dinitro-2-methylph...	10.439	198	26799	8.177	ng		95
66) n-Nitrosodiphenylamine	10.510	169	191433	10.494	ng		99
67) 4-Bromophenyl-phenylether	10.886	248	67025	10.293	ng		99
68) Hexachlorobenzene	10.951	284	74450	10.271	ng		99
69) Atrazine	11.039	200	56963	11.597	ng		99
70) Pentachlorophenol	11.139	266	45847	9.877	ng		98
71) Phenanthrene	11.363	178	325737	10.728	ng		98
72) Anthracene	11.416	178	314077	10.638	ng		99
73) Carbazole	11.569	167	289945	10.710	ng		99
74) Di-n-butylphthalate	11.910	149	332734	10.740	ng		99
75) Fluoranthene	12.551	202	335808	11.083	ng		99
77) Benzidine	12.675	184	53526	8.343	ng		99
78) Pyrene	12.780	202	341925	10.348	ng		99
80) Butylbenzylphthalate	13.410	149	108714	9.868	ng		97
81) Benzo(a)anthracene	13.974	228	245554	10.430	ng		100
82) 3,3'-Dichlorobenzidine	13.939	252	72963	9.733	ng		100
83) Chrysene	14.010	228	227579	10.331	ng		100
84) Bis(2-ethylhexyl)phtha...	13.974	149	132798	10.047	ng		99
85) Di-n-octyl phthalate	14.604	149	179782	9.007	ng		100
87) Indeno(1,2,3-cd)pyrene	16.910	276	212077	9.689	ng		100
88) Benzo(b)fluoranthene	15.033	252	211401	10.973	ng		99
89) Benzo(k)fluoranthene	15.063	252	164685	10.115	ng		99
90) Benzo(a)pyrene	15.398	252	162844	10.245	ng		99
91) Dibenzo(a,h)anthracene	16.933	278	176005	9.941	ng		97
92) Benzo(g,h,i)perylene	17.345	276	182406	9.905	ng		99

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

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