Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142241.D
Acq On : 30 Apr 2025 12:20
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Apr 30 15:41:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 15:28:40 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.910	152	198828	20.000	ng		0.00
21) Naphthalene-d8	8.192	136	764114	20.000	ng		0.00
39) Acenaphthene-d10	9.945	164	402628	20.000	ng		0.00
64) Phenanthrene-d10	11.433	188	692116	20.000	ng		0.00
76) Chrysene-d12	14.074	240	449534	20.000	ng		0.00
86) Perylene-d12	15.568	264	332067	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	246136	19.771	ng		0.00
7) Phenol-d6	6.516	99	299244	19.905	ng		-0.01
23) Nitrobenzene-d5	7.463	82	192172	16.523	ng		-0.01
42) 2,4,6-Tribromophenol	10.727	330	63470	17.292	ng		0.00
45) 2-Fluorobiphenyl	9.263	172	636078	22.275	ng		0.00
79) Terphenyl-d14	13.016	244	635233	20.552	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.699	88	53052	9.541	ng		97
3) Pyridine	3.469	79	138279	9.569	ng		99
4) n-Nitrosodimethylamine	3.399	42	69527	9.297	ng	#	98
6) Aniline	6.563	93	207232	9.739	ng		100
8) 2-Chlorophenol	6.687	128	122451	9.519	ng		98
9) Benzaldehyde	6.457	77	108198	10.297	ng		99
10) Phenol	6.528	94	157877	9.755	ng		99
11) bis(2-Chloroethyl)ether	6.634	93	124281	9.909	ng		99
12) 1,3-Dichlorobenzene	6.851	146	147587	10.141	ng		99
13) 1,4-Dichlorobenzene	6.928	146	147728	10.075	ng		99
14) 1,2-Dichlorobenzene	7.081	146	140999	10.073	ng		99
15) Benzyl Alcohol	7.039	79	101094	9.481	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.181	45	227340	10.038	ng		99
17) 2-Methylphenol	7.145	107	102299	9.707	ng		99
18) Hexachloroethane	7.422	117	46369	9.662	ng		94
19) n-Nitroso-di-n-propyla...	7.310	70	93168	10.029	ng		99
20) 3+4-Methylphenols	7.298	107	131546	9.981	ng		97
22) Acetophenone	7.310	105	184253	10.423	ng		96
24) Nitrobenzene	7.481	77	99900	8.754	ng		95
25) Isophorone	7.722	82	240659	9.859	ng		100
26) 2-Nitrophenol	7.804	139	21744	9.530	ng		98
27) 2,4-Dimethylphenol	7.834	122	121707	9.889	ng		97
28) bis(2-Chloroethoxy)met...	7.934	93	154349	10.026	ng		99
29) 2,4-Dichlorophenol	8.034	162	96761	9.404	ng		98
30) 1,2,4-Trichlorobenzene	8.128	180	115815	10.087	ng		99
31) Naphthalene	8.210	128	397159	10.422	ng		99
32) Benzoic acid	7.881	122	18272	13.045	ng		96
33) 4-Chloroaniline	8.257	127	157999	9.957	ng		99
34) Hexachlorobutadiene	8.334	225	66829	9.976	ng		98
35) Caprolactam	8.586	113	27800	8.989	ng		98
36) 4-Chloro-3-methylphenol	8.722	107	101179	9.576	ng		99
37) 2-Methylnaphthalene	8.904	142	243429	10.390	ng		99
38) 1-Methylnaphthalene	9.004	142	250299	10.312	ng		99
40) 1,2,4,5-Tetrachloroben...	9.069	216	115685	10.209	ng		98
41) Hexachlorocyclopentadiene	9.057	237	53365	8.298	ng		98
43) 2,4,6-Trichlorophenol	9.175	196	66271	9.438	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	66509	9.009	ng		98
46) 1,1'-Biphenyl	9.363	154	326241	10.423	ng		99
47) 2-Chloronaphthalene	9.392	162	236725	10.165	ng		99
48) 2-Nitroaniline	9.480	65	31455	9.382	ng		98
49) Acenaphthylene	9.804	152	407630	10.373	ng		98
50) Dimethylphthalate	9.657	163	258512	10.036	ng		99
51) 2,6-Dinitrotoluene	9.722	165	27624	9.147	ng		91
52) Acenaphthene	9.980	154	236444	10.305	ng		99
53) 3-Nitroaniline	9.886	138	37727	9.049	ng	#	97
54) 2,4-Dinitrophenol	9.986	184	4993	11.362	ng	#	1
55) Dibenzofuran	10.151	168	357431	10.392	ng		99
56) 4-Nitrophenol	10.028	139	26399	6.520	ng		91
57) 2,4-Dinitrotoluene	10.122	165	29245	9.405	ng		94
58) Fluorene	10.492	166	282449	10.800	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	53660	8.775	ng		99
60) Diethylphthalate	10.363	149	254431	10.003	ng		98
61) 4-Chlorophenyl-phenyle...	10.486	204	129149	10.398	ng		99
62) 4-Nitroaniline	10.492	138	35703	8.911	ng		88
63) Azobenzene	10.645	77	253731	10.102	ng		99
65) 4,6-Dinitro-2-methylph...	10.527	198	7762	13.263	ng		95
66) n-Nitrosodiphenylamine	10.598	169	237471	10.042	ng		100
67) 4-Bromophenyl-phenylether	10.975	248	75692	9.820	ng		97
68) Hexachlorobenzene	11.039	284	84881	9.832	ng		96
69) Atrazine	11.122	200	59553	9.554	ng		98
70) Pentachlorophenol	11.227	266	32058	7.029	ng		99
71) Phenanthrene	11.457	178	385677	10.316	ng		99
72) Anthracene	11.510	178	401700	10.509	ng		98
73) Carbazole	11.657	167	362249	10.389	ng		98
74) Di-n-butylphthalate	11.998	149	348111	9.927	ng		99
75) Fluoranthene	12.645	202	395757	10.709	ng		99
77) Benzidine	12.769	184	168038	8.797	ng		99
78) Pyrene	12.874	202	404860	9.763	ng		100
80) Butylbenzylphthalate	13.498	149	65964	9.084	ng		98
81) Benzo(a)anthracene	14.063	228	296710	9.832	ng		99
82) 3,3'-Dichlorobenzidine	14.027	252	71321	8.046	ng		98
83) Chrysene	14.098	228	271875	9.897	ng		100
84) Bis(2-ethylhexyl)phtha...	14.063	149	100777	9.409	ng		99
85) Di-n-octyl phthalate	14.680	149	150072	10.622	ng		99
87) Indeno(1,2,3-cd)pyrene	17.068	276	229818	9.449	ng		100
88) Benzo(b)fluoranthene	15.121	252	202615	9.823	ng		99
89) Benzo(k)fluoranthene	15.157	252	192500	10.203	ng		98
90) Benzo(a)pyrene	15.498	252	182258	9.651	ng		99
91) Dibenzo(a,h)anthracene	17.092	278	187788	9.513	ng		99
92) Benzo(g,h,i)perylene	17.521	276	188891	9.518	ng		99

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

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