Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071125\
Data File : BF143074.D
Acq On : 11 Jul 2025 13:47
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: Jul 11 17:39:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 11 17:21:09 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	134146	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	534470	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	271772	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	410342	20.000	ng	0.00
76) Chrysene-d12	14.122	240	211588	20.000	ng	0.00
86) Perylene-d12	15.627	264	232068	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	366020	43.347	ng	0.00
7) Phenol-d6	6.581	99	464353	43.463	ng	0.00
23) Nitrobenzene-d5	7.522	82	275681m	36.859	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	84699	42.107	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	748951	43.315	ng	0.00
79) Terphenyl-d14	13.069	244	543313	44.361	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.799	88	85449	21.531	ng	98
3) Pyridine	3.569	79	208908	21.459	ng	99
4) n-Nitrosodimethylamine	3.505	42	114972	21.285	ng	99
6) Aniline	6.622	93	229132	21.533	ng	100
8) 2-Chlorophenol	6.751	128	185853	21.833	ng	97
9) Benzaldehyde	6.516	77	153343	23.981	ng	99
10) Phenol	6.593	94	240252m	21.683	ng	
11) bis(2-Chloroethyl)ether	6.693	93	187976	21.613	ng	99
12) 1,3-Dichlorobenzene	6.910	146	207259	21.596	ng	99
13) 1,4-Dichlorobenzene	6.987	146	208903	21.733	ng	98
14) 1,2-Dichlorobenzene	7.140	146	196112	21.918	ng	99
15) Benzyl Alcohol	7.098	79	172768	21.642	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.240	45	345738	21.818	ng	99
17) 2-Methylphenol	7.204	107	151478	21.534	ng	97
18) Hexachloroethane	7.487	117	66519	21.508	ng	99
19) n-Nitroso-di-n-propyla...	7.369	70	141426	21.508	ng	100
20) 3+4-Methylphenols	7.357	107	194046	22.332	ng	95
22) Acetophenone	7.369	105	267009	21.386	ng	95
24) Nitrobenzene	7.540	77	158813	20.371	ng	99
25) Isophorone	7.775	82	343061	21.126	ng	100
26) 2-Nitrophenol	7.857	139	39986	19.154	ng	99
27) 2,4-Dimethylphenol	7.887	122	122957	20.890	ng	99
28) bis(2-Chloroethoxy)met...	7.987	93	227566	21.308	ng	98
29) 2,4-Dichlorophenol	8.093	162	146565	21.178	ng	100
30) 1,2,4-Trichlorobenzene	8.187	180	167780	21.134	ng	99
31) Naphthalene	8.269	128	569743	21.569	ng	99
32) Benzoic acid	7.963	122	44482m	20.093	ng	
33) 4-Chloroaniline	8.310	127	191787	21.491	ng	98
34) Hexachlorobutadiene	8.393	225	97791	20.992	ng	99
35) Caprolactam	8.651	113	40498	20.872	ng	97
36) 4-Chloro-3-methylphenol	8.781	107	157644	21.181	ng	97
37) 2-Methylnaphthalene	8.957	142	372656	21.587	ng	99
38) 1-Methylnaphthalene	9.057	142	354789	21.356	ng	99
40) 1,2,4,5-Tetrachloroben...	9.128	216	169287	21.266	ng	100
41) Hexachlorocyclopentadiene	9.122	237	36210	18.234	ng	98
43) 2,4,6-Trichlorophenol	9.234	196	97177	21.844	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	92698	19.989	ng		97
46) 1,1'-Biphenyl	9.422	154	455583	21.348	ng		99
47) 2-Chloronaphthalene	9.445	162	329652	21.329	ng		100
48) 2-Nitroaniline	9.534	65	53502	17.457	ng		97
49) Acenaphthylene	9.863	152	488054	21.510	ng		99
50) Dimethylphthalate	9.716	163	360144	21.324	ng		99
51) 2,6-Dinitrotoluene	9.775	165	46724	18.418	ng		97
52) Acenaphthene	10.034	154	322473	21.101	ng		98
53) 3-Nitroaniline	9.939	138	52411	18.790	ng	#	93
54) 2,4-Dinitrophenol	10.039	184	7636	19.362	ng	#	1
55) Dibenzofuran	10.210	168	474914	21.278	ng		99
56) 4-Nitrophenol	10.081	139	37759	19.580	ng		97
57) 2,4-Dinitrotoluene	10.175	165	48607	18.074	ng		95
58) Fluorene	10.551	166	357283	21.869	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	80324	21.497	ng		98
60) Diethylphthalate	10.416	149	333102	21.435	ng		99
61) 4-Chlorophenyl-phenyle...	10.539	204	175533	21.616	ng		98
62) 4-Nitroaniline	10.545	138	45310	19.437	ng		94
63) Azobenzene	10.698	77	380560	21.511	ng		99
65) 4,6-Dinitro-2-methylph...	10.581	198	13760	19.528	ng		95
66) n-Nitrosodiphenylamine	10.651	169	294486	20.885	ng		99
67) 4-Bromophenyl-phenylether	11.034	248	99448	20.851	ng		97
68) Hexachlorobenzene	11.098	284	99317	20.694	ng		98
69) Atrazine	11.175	200	69914	23.285	ng		98
70) Pentachlorophenol	11.286	266	49010	18.200	ng		99
71) Phenanthrene	11.510	178	481306	21.403	ng		100
72) Anthracene	11.563	178	468367	21.370	ng		99
73) Carbazole	11.710	167	390585	21.562	ng		100
74) Di-n-butylphthalate	12.045	149	382795	21.306	ng		100
75) Fluoranthene	12.698	202	418347	21.629	ng		99
77) Benzidine	12.816	184	48787	11.618	ng		99
78) Pyrene	12.928	202	414651	22.431	ng		100
80) Butylbenzylphthalate	13.545	149	58573	18.608	ng		99
81) Benzo(a)anthracene	14.116	228	286042	21.133	ng		99
82) 3,3'-Dichlorobenzidine	14.075	252	70553	18.918	ng		99
83) Chrysene	14.151	228	261470	20.599	ng		100
84) Bis(2-ethylhexyl)phtha...	14.110	149	103628	19.357	ng		99
85) Di-n-octyl phthalate	14.722	149	162837	18.734	ng		95
87) Indeno(1,2,3-cd)pyrene	17.163	276	341102	21.388	ng		99
88) Benzo(b)fluoranthene	15.180	252	294426	21.562	ng		99
89) Benzo(k)fluoranthene	15.210	252	255863	21.217	ng		99
90) Benzo(a)pyrene	15.563	252	245294	21.024	ng		99
91) Dibenzo(a,h)anthracene	17.180	278	280764	21.560	ng		99
92) Benzo(g,h,i)perylene	17.621	276	291084	21.249	ng		99

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

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