Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071125\
Data File : BF143073.D
Acq On : 11 Jul 2025 13:17
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Jul 11 17:38:31 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	135544	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	541962	20.000	ng		0.00
39) Acenaphthene-d10	10.004	164	277572	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	428588	20.000	ng		0.00
76) Chrysene-d12	14.127	240	216108	20.000	ng		0.00
86) Perylene-d12	15.627	264	224904	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.581	112	179581	21.048	ng		0.00
7) Phenol-d6	6.575	99	227486	21.073	ng		-0.01
23) Nitrobenzene-d5	7.516	82	108793m	14.345	ng		-0.01
42) 2,4,6-Tribromophenol	10.786	330	36436	17.735	ng		0.00
45) 2-Fluorobiphenyl	9.322	172	388604	22.005	ng		0.00
79) Terphenyl-d14	13.069	244	284156	22.716	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.804	88	41363	10.315	ng		98
3) Pyridine	3.575	79	101393	10.308	ng		100
4) n-Nitrosodimethylamine	3.499	42	54492	9.984	ng	#	95
6) Aniline	6.622	93	111479	10.368	ng		100
8) 2-Chlorophenol	6.745	128	89010	10.349	ng		99
9) Benzaldehyde	6.510	77	77377	11.976	ng		99
10) Phenol	6.587	94	116973m	10.448	ng		
11) bis(2-Chloroethyl)ether	6.692	93	91687	10.433	ng		100
12) 1,3-Dichlorobenzene	6.910	146	103407	10.664	ng		97
13) 1,4-Dichlorobenzene	6.987	146	103409	10.647	ng		97
14) 1,2-Dichlorobenzene	7.140	146	96848	10.712	ng		98
15) Benzyl Alcohol	7.092	79	81122	10.057	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.239	45	170815	10.668	ng		100
17) 2-Methylphenol	7.198	107	73832	10.388	ng		98
18) Hexachloroethane	7.487	117	30736	9.835	ng		99
19) n-Nitroso-di-n-propyla...	7.363	70	70867	10.666	ng		98
20) 3+4-Methylphenols	7.351	107	94863	10.805	ng	#	84
22) Acetophenone	7.363	105	134833	10.650	ng		98
24) Nitrobenzene	7.534	77	64547	8.165	ng		97
25) Isophorone	7.775	82	168247	10.218	ng		100
26) 2-Nitrophenol	7.857	139	13015	8.919	ng		97
27) 2,4-Dimethylphenol	7.886	122	58272	9.763	ng		99
28) bis(2-Chloroethoxy)met...	7.987	93	113015	10.436	ng		99
29) 2,4-Dichlorophenol	8.092	162	68782	9.801	ng		98
30) 1,2,4-Trichlorobenzene	8.186	180	82637	10.265	ng		99
31) Naphthalene	8.269	128	283289	10.576	ng		100
32) Benzoic acid	7.939	122	13205m	10.120	ng		
33) 4-Chloroaniline	8.304	127	95283	10.530	ng		99
34) Hexachlorobutadiene	8.392	225	48357	10.237	ng		98
35) Caprolactam	8.634	113	17509	8.899	ng		99
36) 4-Chloro-3-methylphenol	8.775	107	74328	9.849	ng		99
37) 2-Methylnaphthalene	8.957	142	188128	10.747	ng		99
38) 1-Methylnaphthalene	9.057	142	178418	10.591	ng		99
40) 1,2,4,5-Tetrachloroben...	9.128	216	84181	10.354	ng		99
41) Hexachlorocyclopentadiene	9.122	237	14007	6.906	ng		96
43) 2,4,6-Trichlorophenol	9.233	196	38787	8.537	ng		97

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44) 2,4,5-Trichlorophenol	9.263	196	44214	9.335	ng		98
46) 1,1'-Biphenyl	9.422	154	231213	10.608	ng		98
47) 2-Chloronaphthalene	9.445	162	164157	10.399	ng		99
48) 2-Nitroaniline	9.528	65	18156	8.954	ng		95
49) Acenaphthylene	9.863	152	244831	10.565	ng		99
50) Dimethylphthalate	9.716	163	179038	10.379	ng		99
51) 2,6-Dinitrotoluene	9.769	165	17179	9.261	ng		94
52) Acenaphthene	10.033	154	164768	10.556	ng		100
53) 3-Nitroaniline	9.939	138	19778	9.320	ng	#	95
54) 2,4-Dinitrophenol	10.039	184	2814	10.466	ng	#	1
55) Dibenzofuran	10.210	168	241550	10.596	ng		98
56) 4-Nitrophenol	10.080	139	13375	10.266	ng		90
57) 2,4-Dinitrotoluene	10.175	165	15659	8.899	ng	#	91
58) Fluorene	10.551	166	184015	11.028	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	33972	8.902	ng		99
60) Diethylphthalate	10.416	149	164891	10.389	ng		100
61) 4-Chlorophenyl-phenyle...	10.545	204	87815	10.588	ng		99
62) 4-Nitroaniline	10.545	138	17733	9.409	ng		90
63) Azobenzene	10.698	77	189430	10.484	ng		100
65) 4,6-Dinitro-2-methylph...	10.580	198	4099	10.354	ng		88
66) n-Nitrosodiphenylamine	10.651	169	148712	10.098	ng		99
67) 4-Bromophenyl-phenylether	11.033	248	48784	9.793	ng		99
68) Hexachlorobenzene	11.104	284	49992	9.973	ng		98
69) Atrazine	11.175	200	33326	10.627	ng		99
70) Pentachlorophenol	11.286	266	19125	6.800	ng		99
71) Phenanthrene	11.510	178	247143	10.522	ng		99
72) Anthracene	11.563	178	239993	10.484	ng		99
73) Carbazole	11.710	167	199850	10.563	ng		100
74) Di-n-butylphthalate	12.051	149	172469	9.191	ng		100
75) Fluoranthene	12.698	202	213760	10.581	ng		98
77) Benzidine	12.816	184	25675	5.986	ng		99
78) Pyrene	12.927	202	214316	11.351	ng		99
80) Butylbenzylphthalate	13.545	149	21631	9.116	ng		94
81) Benzo(a)anthracene	14.116	228	137496	9.946	ng		100
82) 3,3'-Dichlorobenzidine	14.074	252	28943	7.599	ng		97
83) Chrysene	14.151	228	131153	10.117	ng		99
84) Bis(2-ethylhexyl)phtha...	14.110	149	43632	7.980	ng		99
85) Di-n-octyl phthalate	14.727	149	61058	11.010	ng		94
87) Indeno(1,2,3-cd)pyrene	17.162	276	150408	9.731	ng		99
88) Benzo(b)fluoranthene	15.180	252	125993	9.521	ng		99
89) Benzo(k)fluoranthene	15.210	252	116810	9.995	ng		98
90) Benzo(a)pyrene	15.562	252	107385	9.497	ng		99
91) Dibenzo(a,h)anthracene	17.180	278	122102	9.675	ng		98
92) Benzo(g,h,i)perylene	17.621	276	129543	9.758	ng		99

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

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