Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
Data File : BF144061.D
Acq On : 24 Oct 2025 13:34
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Oct 24 17:04:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:52:41 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	52198	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	187852	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	95790	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	163068	20.000	ng	0.00
76) Chrysene-d12	14.057	240	133555	20.000	ng	0.00
86) Perylene-d12	15.539	264	170761	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	303472	91.982	ng	0.00
7) Phenol-d6	6.504	99	336307	92.298	ng	0.00
23) Nitrobenzene-d5	7.445	82	314744	91.795	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	115501	94.659	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	618497	90.861	ng	0.00
79) Terphenyl-d14	12.998	244	669013	87.573	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.628	88	67694	47.481	ng	99
3) Pyridine	3.399	79	186251	48.798	ng	99
4) n-Nitrosodimethylamine	3.346	42	108941	46.451	ng	96
6) Aniline	6.545	93	236051	45.283	ng	97
8) 2-Chlorophenol	6.663	128	146647	45.134	ng	100
9) Benzaldehyde	6.434	77	125111	44.224	ng	99
10) Phenol	6.522	94	205466	45.707	ng	99
11) bis(2-Chloroethyl)ether	6.616	93	147198	45.316	ng	100
12) 1,3-Dichlorobenzene	6.822	146	184614	46.062	ng	99
13) 1,4-Dichlorobenzene	6.898	146	178849	45.279	ng	99
14) 1,2-Dichlorobenzene	7.051	146	176825	46.267	ng	98
15) Benzyl Alcohol	7.022	79	137745	46.492	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	280440	45.937	ng	100
17) 2-Methylphenol	7.128	107	114018	45.627	ng	96
18) Hexachloroethane	7.392	117	66036	46.762	ng	94
19) n-Nitroso-di-n-propyla...	7.292	70	104565	44.378	ng	99
20) 3+4-Methylphenols	7.281	107	135141	45.746	ng	96
22) Acetophenone	7.287	105	186463	45.930	ng	99
24) Nitrobenzene	7.463	77	169181	46.643	ng	97
25) Isophorone	7.698	82	274478	45.788	ng	99
26) 2-Nitrophenol	7.781	139	78217	45.330	ng	96
27) 2,4-Dimethylphenol	7.810	122	119169	46.475	ng	97
28) bis(2-Chloroethoxy)met...	7.910	93	171275	45.816	ng	99
29) 2,4-Dichlorophenol	8.016	162	137586	46.140	ng	98
30) 1,2,4-Trichlorobenzene	8.104	180	141259	46.047	ng	100
31) Naphthalene	8.187	128	400308	45.150	ng	99
32) Benzoic acid	7.922	122	68843	42.326	ng	90
33) 4-Chloroaniline	8.234	127	139897	45.326	ng	99
34) Hexachlorobutadiene	8.298	225	113173	45.117	ng	99
35) Caprolactam	8.598	113	33776	45.169	ng	91
36) 4-Chloro-3-methylphenol	8.710	107	120661	45.853	ng	96
37) 2-Methylnaphthalene	8.875	142	257754	44.094	ng	95
38) 1-Methylnaphthalene	8.975	142	245890	44.400	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	150659	45.764	ng	99
41) Hexachlorocyclopentadiene	9.028	237	49167	48.354	ng	96
43) 2,4,6-Trichlorophenol	9.151	196	102347	47.829	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	102322	45.562	ng		99
46) 1,1'-Biphenyl	9.339	154	315397	45.996	ng		99
47) 2-Chloronaphthalene	9.363	162	263764	45.914	ng		98
48) 2-Nitroaniline	9.463	65	79650	46.691	ng		93
49) Acenaphthylene	9.781	152	353529	45.641	ng		100
50) Dimethylphthalate	9.633	163	291936	46.495	ng		99
51) 2,6-Dinitrotoluene	9.698	165	60313	48.590	ng		98
52) Acenaphthene	9.951	154	239254	46.250	ng		98
53) 3-Nitroaniline	9.869	138	67246	48.727	ng		98
54) 2,4-Dinitrophenol	9.981	184	27746	41.328	ng		95
55) Dibenzofuran	10.122	168	333154	46.390	ng		100
56) 4-Nitrophenol	10.028	139	41829	44.760	ng		98
57) 2,4-Dinitrotoluene	10.104	165	80539	48.075	ng		96
58) Fluorene	10.469	166	249298	45.558	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.245	232	77175	48.766	ng	#	97
60) Diethylphthalate	10.339	149	274281	46.451	ng		99
61) 4-Chlorophenyl-phenyle...	10.457	204	141601	46.015	ng		96
62) 4-Nitroaniline	10.486	138	62266	47.618	ng		99
63) Azobenzene	10.622	77	264030	47.243	ng		99
65) 4,6-Dinitro-2-methylph...	10.516	198	46938	44.864	ng		95
66) n-Nitrosodiphenylamine	10.575	169	240557	46.171	ng		97
67) 4-Bromophenyl-phenylether	10.951	248	93911	45.996	ng		98
68) Hexachlorobenzene	11.016	284	111943	44.706	ng		96
69) Atrazine	11.104	200	75502	44.162	ng		98
70) Pentachlorophenol	11.216	266	58380	48.981	ng		98
71) Phenanthrene	11.433	178	374285	46.205	ng		99
72) Anthracene	11.486	178	380096	45.423	ng		99
73) Carbazole	11.639	167	333654	46.845	ng		98
74) Di-n-butylphthalate	11.969	149	408630	46.795	ng		99
75) Fluoranthene	12.627	202	406402	45.411	ng		99
77) Benzidine	12.751	184	171303	41.214	ng		99
78) Pyrene	12.857	202	432441	45.038	ng		99
80) Butylbenzylphthalate	13.474	149	164976	45.417	ng		99
81) Benzo(a)anthracene	14.045	228	402629	44.609	ng		99
82) 3,3'-Dichlorobenzidine	14.010	252	134912	42.940	ng		95
83) Chrysene	14.086	228	393508	46.461	ng		99
84) Bis(2-ethylhexyl)phtha...	14.027	149	230343	46.450	ng		96
85) Di-n-octyl phthalate	14.645	149	393623	46.156	ng		98
87) Indeno(1,2,3-cd)pyrene	17.045	276	552781	47.151	ng		100
88) Benzo(b)fluoranthene	15.104	252	450302	46.646	ng		98
89) Benzo(k)fluoranthene	15.133	252	386955	43.445	ng		99
90) Benzo(a)pyrene	15.480	252	402167	46.436	ng		99
91) Dibenzo(a,h)anthracene	17.062	278	437275	47.119	ng		100
92) Benzo(g,h,i)perylene	17.504	276	436689	46.804	ng		99

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

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