Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144171.D
Acq On : 05 Nov 2025 13:50
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Nov 05 17:23:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	112609	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	438512	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	261107	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	469428	20.000	ng	0.00
76) Chrysene-d12	14.057	240	296506	20.000	ng	0.00
86) Perylene-d12	15.539	264	311371	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	146731	20.391	ng	0.00
7) Phenol-d6	6.498	99	170929	20.963	ng	-0.01
23) Nitrobenzene-d5	7.434	82	154488	20.347	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	66981	20.442	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	372845	21.090	ng	-0.01
79) Terphenyl-d14	12.992	244	419548	22.476	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.616	88	27411	9.214	ng	97
3) Pyridine	3.393	79	79148	9.536	ng	99
4) n-Nitrosodimethylamine	3.322	42	40456	9.331	ng	95
6) Aniline	6.534	93	122118	10.512	ng	98
8) 2-Chlorophenol	6.657	128	73729	10.448	ng	99
9) Benzaldehyde	6.422	77	58146	12.629	ng	98
10) Phenol	6.510	94	106765	10.717	ng	96
11) bis(2-Chloroethyl)ether	6.604	93	75075	10.342	ng	98
12) 1,3-Dichlorobenzene	6.816	146	88594	10.174	ng	98
13) 1,4-Dichlorobenzene	6.893	146	87984	10.085	ng	96
14) 1,2-Dichlorobenzene	7.045	146	84997	10.165	ng	98
15) Benzyl Alcohol	7.010	79	64160	9.937	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.140	45	139062	10.403	ng	97
17) 2-Methylphenol	7.122	107	59368	10.575	ng	98
18) Hexachloroethane	7.387	117	28876	9.963	ng	97
19) n-Nitroso-di-n-propyla...	7.275	70	57621	10.735	ng	98
20) 3+4-Methylphenols	7.275	107	74874	11.314	ng	96
22) Acetophenone	7.281	105	101777	10.819	ng	97
24) Nitrobenzene	7.451	77	85567	10.380	ng	98
25) Isophorone	7.692	82	146541	10.204	ng	98
26) 2-Nitrophenol	7.769	139	41083	10.067	ng	97
27) 2,4-Dimethylphenol	7.804	122	60896	9.956	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	91497	10.202	ng	95
29) 2,4-Dichlorophenol	8.016	162	75032	10.643	ng	97
30) 1,2,4-Trichlorobenzene	8.098	180	76623	10.585	ng	94
31) Naphthalene	8.181	128	220903	10.590	ng	99
32) Benzoic acid	7.910	122	58822	13.120	ng	92
33) 4-Chloroaniline	8.228	127	79703	10.476	ng	97
34) Hexachlorobutadiene	8.292	225	54849	10.054	ng	96
35) Caprolactam	8.575	113	20560	10.645	ng	99
36) 4-Chloro-3-methylphenol	8.704	107	67228	10.641	ng	96
37) 2-Methylnaphthalene	8.869	142	147427	10.571	ng	99
38) 1-Methylnaphthalene	8.969	142	149280	11.093	ng	97
40) 1,2,4,5-Tetrachloroben...	9.034	216	86408	10.098	ng	99
41) Hexachlorocyclopentadiene	9.022	237	15765	10.609	ng	93
43) 2,4,6-Trichlorophenol	9.145	196	58560	10.054	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	63779	10.160	ng		98
46) 1,1'-Biphenyl	9.334	154	188739	10.355	ng		99
47) 2-Chloronaphthalene	9.357	162	158745	10.211	ng		100
48) 2-Nitroaniline	9.457	65	45323	10.104	ng		97
49) Acenaphthylene	9.775	152	220118	10.390	ng		99
50) Dimethylphthalate	9.628	163	175284	10.133	ng		99
51) 2,6-Dinitrotoluene	9.692	165	35433	10.119	ng		98
52) Acenaphthene	9.945	154	151661	10.705	ng		99
53) 3-Nitroaniline	9.863	138	39270	10.259	ng		99
54) 2,4-Dinitrophenol	9.981	184	26319	12.447	ng		97
55) Dibenzofuran	10.122	168	208943	10.530	ng		99
56) 4-Nitrophenol	10.028	139	35627	12.867	ng		98
57) 2,4-Dinitrotoluene	10.098	165	49257	10.508	ng	#	98
58) Fluorene	10.463	166	159623	10.581	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	45333	10.207	ng		97
60) Diethylphthalate	10.328	149	166246	10.426	ng		98
61) 4-Chlorophenyl-phenyle...	10.457	204	91478	10.645	ng		99
62) 4-Nitroaniline	10.475	138	37821	10.375	ng		98
63) Azobenzene	10.616	77	157098	10.586	ng		96
65) 4,6-Dinitro-2-methylph...	10.510	198	34516	10.823	ng		99
66) n-Nitrosodiphenylamine	10.569	169	158661	10.509	ng		98
67) 4-Bromophenyl-phenylether	10.945	248	60929	10.169	ng		96
68) Hexachlorobenzene	11.016	284	71759	10.168	ng		94
69) Atrazine	11.098	200	49466	10.302	ng		97
70) Pentachlorophenol	11.210	266	31673	9.012	ng		97
71) Phenanthrene	11.428	178	244478	10.460	ng		99
72) Anthracene	11.480	178	248511	10.457	ng		99
73) Carbazole	11.639	167	215269	10.652	ng		98
74) Di-n-butylphthalate	11.963	149	258464	10.580	ng		99
75) Fluoranthene	12.622	202	250112	10.359	ng		99
77) Benzidine	12.745	184	104876	11.958	ng		99
78) Pyrene	12.851	202	258743	10.823	ng		99
80) Butylbenzylphthalate	13.469	149	87462	10.556	ng		96
81) Benzo(a)anthracene	14.045	228	198590	9.664	ng		100
82) 3,3'-Dichlorobenzidine	14.010	252	67166	9.535	ng		97
83) Chrysene	14.080	228	184604	9.731	ng		98
84) Bis(2-ethylhexyl)phtha...	14.027	149	109593	9.662	ng		98
85) Di-n-octyl phthalate	14.645	149	172428	8.811	ng		99
87) Indeno(1,2,3-cd)pyrene	17.039	276	219736	9.831	ng		99
88) Benzo(b)fluoranthene	15.104	252	176369	9.963	ng		99
89) Benzo(k)fluoranthene	15.133	252	170386	10.283	ng		98
90) Benzo(a)pyrene	15.474	252	163529	10.013	ng		97
91) Dibenzo(a,h)anthracene	17.051	278	179793	10.016	ng		98
92) Benzo(g,h,i)perylene	17.492	276	175090	9.877	ng		100

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

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