Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144177.D
Acq On : 05 Nov 2025 17:21
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF110525

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

Quant Time: Nov 05 17:56:24 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	69106	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	264133	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	143807	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	244964	20.000	ng		0.00
76) Chrysene-d12	14.057	240	162721	20.000	ng		0.00
86) Perylene-d12	15.539	264	215110	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	310198	70.243	ng		0.00
7) Phenol-d6	6.498	99	347682	69.484	ng		-0.01
23) Nitrobenzene-d5	7.440	82	313737	68.601	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	122691	67.987	ng		0.00
45) 2-Fluorobiphenyl	9.234	172	679055	69.741	ng		0.00
79) Terphenyl-d14	12.992	244	689624	67.318	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.605	88	63887	34.992	ng		99
3) Pyridine	3.375	79	165752	32.541	ng		98
4) n-Nitrosodimethylamine	3.322	42	96379	36.224	ng		99
6) Aniline	6.534	93	264913	37.159	ng		99
8) 2-Chlorophenol	6.657	128	151995	35.096	ng		100
9) Benzaldehyde	6.428	77	128101	45.337	ng		99
10) Phenol	6.516	94	217418	35.563	ng		98
11) bis(2-Chloroethyl)ether	6.610	93	156661	35.167	ng		98
12) 1,3-Dichlorobenzene	6.816	146	192589	36.038	ng		98
13) 1,4-Dichlorobenzene	6.893	146	191978	35.858	ng		98
14) 1,2-Dichlorobenzene	7.045	146	189651	36.957	ng		98
15) Benzyl Alcohol	7.016	79	141026	35.593	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	289907	35.340	ng		99
17) 2-Methylphenol	7.122	107	119633	34.723	ng		97
18) Hexachloroethane	7.387	117	64124	36.050	ng		99
19) n-Nitroso-di-n-propyla...	7.281	70	112165	34.051	ng		95
20) 3+4-Methylphenols	7.275	107	145554	35.839	ng	#	89
22) Acetophenone	7.281	105	204331	36.061	ng		98
24) Nitrobenzene	7.457	77	172618	34.763	ng		99
25) Isophorone	7.692	82	300648	34.755	ng		100
26) 2-Nitrophenol	7.775	139	89771	36.521	ng		96
27) 2,4-Dimethylphenol	7.804	122	144915	39.334	ng		98
28) bis(2-Chloroethoxy)met...	7.904	93	191347	35.422	ng		98
29) 2,4-Dichlorophenol	8.016	162	144739	34.086	ng		99
30) 1,2,4-Trichlorobenzene	8.098	180	155562	35.677	ng		99
31) Naphthalene	8.181	128	438013	34.861	ng		99
32) Benzoic acid	7.916	122	81416m	30.148	ng		
33) 4-Chloroaniline	8.228	127	177275	38.685	ng		98
34) Hexachlorobutadiene	8.292	225	113543	34.552	ng		99
35) Caprolactam	8.592	113	38947	33.478	ng		97
36) 4-Chloro-3-methylphenol	8.704	107	130667	34.336	ng		98
37) 2-Methylnaphthalene	8.869	142	268630	31.978	ng		99
38) 1-Methylnaphthalene	8.969	142	271310	33.472	ng		100
40) 1,2,4,5-Tetrachloroben...	9.039	216	173491	36.811	ng		98
41) Hexachlorocyclopentadiene	9.022	237	69987	46.350	ng		98
43) 2,4,6-Trichlorophenol	9.151	196	113418	35.357	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	121621	35.179	ng	98
46) 1,1'-Biphenyl	9.334	154	366655	36.526	ng	99
47) 2-Chloronaphthalene	9.363	162	300481	35.092	ng	99
48) 2-Nitroaniline	9.457	65	88055	35.641	ng	97
49) Acenaphthylene	9.775	152	464616	39.818	ng	99
50) Dimethylphthalate	9.634	163	334163	35.076	ng	99
51) 2,6-Dinitrotoluene	9.698	165	70890	36.758	ng	97
52) Acenaphthene	9.951	154	262974	33.702	ng	98
53) 3-Nitroaniline	9.869	138	74572	35.372	ng	98
54) 2,4-Dinitrophenol	9.981	184	33460	28.732	ng	97
55) Dibenzofuran	10.122	168	389072	35.602	ng	99
56) 4-Nitrophenol	10.034	139	47167	30.929	ng	93
57) 2,4-Dinitrotoluene	10.104	165	92928	35.994	ng	98
58) Fluorene	10.463	166	298316	35.903	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	91542	37.425	ng	98
60) Diethylphthalate	10.333	149	304274	34.646	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	165662	35.002	ng	98
62) 4-Nitroaniline	10.481	138	70828	35.278	ng	97
63) Azobenzene	10.616	77	293901	35.958	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	52164	31.346	ng	96
66) n-Nitrosodiphenylamine	10.575	169	285930	36.292	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	106730	34.135	ng	97
68) Hexachlorobenzene	11.016	284	128202	34.810	ng	98
69) Atrazine	11.098	200	92182	36.790	ng	97
70) Pentachlorophenol	11.216	266	59981	32.706	ng	99
71) Phenanthrene	11.433	178	427466	35.049	ng	99
72) Anthracene	11.486	178	437609	35.286	ng	100
73) Carbazole	11.639	167	360909	34.224	ng	99
74) Di-n-butylphthalate	11.963	149	440261	34.535	ng	99
75) Fluoranthene	12.622	202	432624	34.338	ng	99
77) Benzidine	12.745	184	217389	45.165	ng	99
78) Pyrene	12.857	202	433110	33.011	ng	99
80) Butylbenzylphthalate	13.469	149	157485	34.633	ng	98
81) Benzo(a)anthracene	14.045	228	377686	33.489	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	153129	39.612	ng	96
83) Chrysene	14.086	228	359786	34.559	ng	97
84) Bis(2-ethylhexyl)phtha...	14.027	149	217122	34.880	ng	99
85) Di-n-octyl phthalate	14.645	149	377429	35.142	ng	99
87) Indeno(1,2,3-cd)pyrene	17.051	276	525298	34.019	ng	100
88) Benzo(b)fluoranthene	15.104	252	428292	35.021	ng	99
89) Benzo(k)fluoranthene	15.133	252	371234	32.431	ng	99
90) Benzo(a)pyrene	15.480	252	399556	35.415	ng	100
91) Dibenzo(a,h)anthracene	17.062	278	423195	34.126	ng	99
92) Benzo(g,h,i)perylene	17.504	276	426866	34.857	ng	98

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

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