Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144170.D
Acq On : 05 Nov 2025 13:20
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

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

Quant Time: Nov 05 17:23:47 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	85379	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	330889	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	188001	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	326565	20.000	ng	0.00
76) Chrysene-d12	14.051	240	215706	20.000	ng	-0.01
86) Perylene-d12	15.539	264	241361	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	56869	10.423	ng	0.00
7) Phenol-d6	6.498	99	66870	10.817	ng	-0.01
23) Nitrobenzene-d5	7.434	82	56744	9.904	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	22758	9.647	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	150248	11.803	ng	-0.01
79) Terphenyl-d14	12.992	244	151347	11.145	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.616	88	11227	4.977	ng	98
3) Pyridine	3.410	79	29321	4.659	ng	98
6) Aniline	6.534	93	46833	5.317	ng	97
8) 2-Chlorophenol	6.657	128	26502	4.953	ng	98
10) Phenol	6.510	94	39383	5.214	ng	97
11) bis(2-Chloroethyl)ether	6.604	93	27288	4.958	ng	99
12) 1,3-Dichlorobenzene	6.816	146	35799	5.422	ng	97
13) 1,4-Dichlorobenzene	6.893	146	35623	5.385	ng	99
14) 1,2-Dichlorobenzene	7.046	146	35243	5.559	ng	92
16) 2,2'-oxybis(1-Chloropr...	7.140	45	51408	5.072	ng	92
17) 2-Methylphenol	7.122	107	21999	5.168	ng	94
18) Hexachloroethane	7.387	117	10929	4.973	ng	92
19) n-Nitroso-di-n-propyla...	7.275	70	21555	5.296	ng	99
22) Acetophenone	7.281	105	39609	5.580	ng	97
24) Nitrobenzene	7.451	77	30574	4.915	ng	98
25) Isophorone	7.687	82	54487	5.028	ng	97
26) 2-Nitrophenol	7.775	139	13789	4.478	ng	97
27) 2,4-Dimethylphenol	7.804	122	23283	5.045	ng	96
28) bis(2-Chloroethoxy)met...	7.898	93	35235	5.207	ng	97
29) 2,4-Dichlorophenol	8.016	162	27603	5.189	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	28937	5.298	ng	91
31) Naphthalene	8.175	128	84320	5.357	ng	100
33) 4-Chloroaniline	8.228	127	29602	5.157	ng	99
34) Hexachlorobutadiene	8.292	225	21207	5.152	ng	97
36) 4-Chloro-3-methylphenol	8.704	107	23428	4.914	ng	95
37) 2-Methylnaphthalene	8.869	142	58087	5.520	ng	99
38) 1-Methylnaphthalene	8.969	142	55152	5.431	ng	100
40) 1,2,4,5-Tetrachloroben...	9.034	216	31823	5.165	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	20685	4.933	ng	99
44) 2,4,5-Trichlorophenol	9.192	196	23346	5.165	ng	99
46) 1,1'-Biphenyl	9.334	154	72127	5.496	ng	98
47) 2-Chloronaphthalene	9.357	162	61232	5.470	ng	98
48) 2-Nitroaniline	9.457	65	14208	4.399	ng	90
49) Acenaphthylene	9.775	152	81168	5.321	ng	100
50) Dimethylphthalate	9.628	163	67538	5.423	ng	97
51) 2,6-Dinitrotoluene	9.692	165	11809	4.684	ng	94

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52) Acenaphthene	9.945	154	53468	5.241	ng		96
53) 3-Nitroaniline	9.869	138	12750	4.626	ng		88
55) Dibenzofuran	10.116	168	77278	5.409	ng		98
57) 2,4-Dinitrotoluene	10.098	165	15136	4.485	ng	#	93
58) Fluorene	10.463	166	60881	5.605	ng		94
59) 2,3,4,6-Tetrachlorophenol	10.239	232	14470	4.525	ng		96
60) Diethylphthalate	10.328	149	60815	5.297	ng		99
61) 4-Chlorophenyl-phenyle...	10.457	204	33416	5.401	ng		97
62) 4-Nitroaniline	10.475	138	12847	4.895	ng		91
63) Azobenzene	10.616	77	54383	5.089	ng		93
66) n-Nitrosodiphenylamine	10.569	169	56733	5.401	ng		97
67) 4-Bromophenyl-phenylether	10.945	248	21547	5.169	ng		96
68) Hexachlorobenzene	11.010	284	24951	5.082	ng		99
69) Atrazine	11.098	200	17546	5.253	ng		93
71) Phenanthrene	11.428	178	90035	5.537	ng		99
72) Anthracene	11.481	178	91416	5.529	ng		99
73) Carbazole	11.639	167	76605	5.449	ng		97
74) Di-n-butylphthalate	11.963	149	87751	5.163	ng		100
75) Fluoranthene	12.622	202	91198	5.430	ng		97
78) Pyrene	12.851	202	95053	5.465	ng		98
80) Butylbenzylphthalate	13.469	149	30478	5.056	ng		92
81) Benzo(a)anthracene	14.045	228	78472	5.249	ng		96
83) Chrysene	14.080	228	68808	4.986	ng		99
84) Bis(2-ethylhexyl)phtha...	14.027	149	41706	5.054	ng		99
87) Indeno(1,2,3-cd)pyrene	17.033	276	87482	5.049	ng		98
88) Benzo(b)fluoranthene	15.098	252	72360m	5.273	ng		
89) Benzo(k)fluoranthene	15.127	252	64984	5.060	ng		99
90) Benzo(a)pyrene	15.474	252	64190	5.071	ng	#	97
91) Dibenzo(a,h)anthracene	17.051	278	69714	5.010	ng		98
92) Benzo(g,h,i)perylene	17.492	276	66099	4.810	ng		97

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

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