Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090325\
Data File : BF143626.D
Acq On : 03 Sep 2025 14:41
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 03 18:38:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 03 18:35:49 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	87939	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	345803	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	195808	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	317066	20.000	ng	0.00
76) Chrysene-d12	14.045	240	187848	20.000	ng	0.00
86) Perylene-d12	15.521	264	178940	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	99328	20.010	ng	0.00
7) Phenol-d6	6.498	99	124569	20.219	ng	-0.01
23) Nitrobenzene-d5	7.445	82	81262	16.516	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	27120	16.563	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	262821	21.444	ng	0.00
79) Terphenyl-d14	12.992	244	237222	21.042	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	23397	9.990	ng	98
3) Pyridine	3.440	79	62555	10.081	ng	97
4) n-Nitrosodimethylamine	3.369	42	25105	9.742	ng	99
6) Aniline	6.546	93	88371	10.305	ng	100
8) 2-Chlorophenol	6.669	128	47328	9.207	ng	96
9) Benzaldehyde	6.440	77	43971	9.606	ng	99
10) Phenol	6.510	94	67284	9.961	ng	98
11) bis(2-Chloroethyl)ether	6.622	93	53980	10.204	ng	99
12) 1,3-Dichlorobenzene	6.834	146	65774	10.367	ng	98
13) 1,4-Dichlorobenzene	6.910	146	65522	10.297	ng	99
14) 1,2-Dichlorobenzene	7.057	146	62316	10.348	ng	99
15) Benzyl Alcohol	7.022	79	44709	9.550	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	87359	10.493	ng	99
17) 2-Methylphenol	7.128	107	45861	10.203	ng	98
18) Hexachloroethane	7.404	117	18789	9.465	ng	97
19) n-Nitroso-di-n-propyla...	7.293	70	39240	10.002	ng	96
20) 3+4-Methylphenols	7.281	107	57489	10.161	ng	93
22) Acetophenone	7.293	105	80767	10.328	ng	96
24) Nitrobenzene	7.463	77	46395	8.819	ng	95
25) Isophorone	7.704	82	110868	10.000	ng	99
26) 2-Nitrophenol	7.781	139	12227	9.260	ng	96
27) 2,4-Dimethylphenol	7.810	122	46296	9.591	ng	100
28) bis(2-Chloroethoxy)met...	7.916	93	67535	9.964	ng	100
29) 2,4-Dichlorophenol	8.016	162	43809	9.249	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	51406	9.958	ng	98
31) Naphthalene	8.192	128	172262	10.184	ng	99
32) Benzoic acid	7.869	122	12862m	11.219	ng	
33) 4-Chloroaniline	8.234	127	59524	10.163	ng	98
34) Hexachlorobutadiene	8.310	225	33631	10.016	ng	96
35) Caprolactam	8.569	113	9691	7.634	ng	99
36) 4-Chloro-3-methylphenol	8.704	107	46759	9.427	ng	95
37) 2-Methylnaphthalene	8.881	142	117908	10.306	ng	100
38) 1-Methylnaphthalene	8.981	142	112510	10.286	ng	98
40) 1,2,4,5-Tetrachloroben...	9.045	216	55463	10.249	ng	99
41) Hexachlorocyclopentadiene	9.039	237	20964	7.978	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	28020	8.404	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	31552	9.167	ng		98
46) 1,1'-Biphenyl	9.345	154	145017	10.413	ng		99
47) 2-Chloronaphthalene	9.369	162	111888	10.267	ng		98
48) 2-Nitroaniline	9.457	65	18409	8.990	ng		95
49) Acenaphthylene	9.786	152	161301	10.270	ng		99
50) Dimethylphthalate	9.639	163	123659	9.973	ng		99
51) 2,6-Dinitrotoluene	9.698	165	12534	8.910	ng	#	82
52) Acenaphthene	9.957	154	108019	10.281	ng		99
53) 3-Nitroaniline	9.869	138	16493	9.203	ng	#	96
54) 2,4-Dinitrophenol	9.969	184	3186	10.659	ng	#	1
55) Dibenzofuran	10.128	168	159831	10.471	ng		98
56) 4-Nitrophenol	10.010	139	12107	6.586	ng		99
57) 2,4-Dinitrotoluene	10.098	165	17184	9.044	ng	#	93
58) Fluorene	10.475	166	123027	10.420	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	21475	8.215	ng		97
60) Diethylphthalate	10.339	149	115772	9.836	ng		98
61) 4-Chlorophenyl-phenyle...	10.469	204	61456	10.432	ng		98
62) 4-Nitroaniline	10.475	138	15629	8.851	ng		95
63) Azobenzene	10.622	77	111692	10.067	ng		98
65) 4,6-Dinitro-2-methylph...	10.504	198	4634	11.369	ng	#	73
66) n-Nitrosodiphenylamine	10.581	169	102131	9.980	ng		100
67) 4-Bromophenyl-phenylether	10.957	248	36232	9.853	ng		97
68) Hexachlorobenzene	11.016	284	38089	9.861	ng		98
69) Atrazine	11.104	200	27819	9.093	ng		97
70) Pentachlorophenol	11.210	266	15322	7.061	ng		98
71) Phenanthrene	11.433	178	175548	10.239	ng		99
72) Anthracene	11.486	178	172671	10.042	ng		99
73) Carbazole	11.639	167	143469	9.899	ng		99
74) Di-n-butylphthalate	11.975	149	140158	8.613	ng		100
75) Fluoranthene	12.622	202	156766	9.956	ng		99
77) Benzidine	12.745	184	55793	12.982	ng		100
78) Pyrene	12.851	202	159982	10.321	ng		100
80) Butylbenzylphthalate	13.474	149	29504	8.863	ng		99
81) Benzo(a)anthracene	14.039	228	121266	9.967	ng		100
82) 3,3'-Dichlorobenzidine	13.998	252	29643	8.937	ng		99
83) Chrysene	14.074	228	109586	10.020	ng		99
84) Bis(2-ethylhexyl)phtha...	14.033	149	47628	9.352	ng		97
85) Di-n-octyl phthalate	14.645	149	76107	6.829	ng		97
87) Indeno(1,2,3-cd)pyrene	17.004	276	122861	9.849	ng		99
88) Benzo(b)fluoranthene	15.086	252	104333	9.677	ng		100
89) Benzo(k)fluoranthene	15.116	252	91382	9.801	ng		99
90) Benzo(a)pyrene	15.457	252	88250	9.523	ng		99
91) Dibenzo(a,h)anthracene	17.027	278	102946	10.033	ng		99
92) Benzo(g,h,i)perylene	17.457	276	97725	9.887	ng		99

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

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