Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143145.D
Acq On : 17 Jul 2025 13:33
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 17 15:04:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	144385	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	555536	20.000	ng		0.00
39) Acenaphthene-d10	9.998	164	283657	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	447089	20.000	ng		0.00
76) Chrysene-d12	14.121	240	247878	20.000	ng		0.00
86) Perylene-d12	15.621	264	282289	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.587	112	927268	101.629	ng		0.00
7) Phenol-d6	6.587	99	1178468	102.615	ng		0.00
23) Nitrobenzene-d5	7.528	82	1158494	103.949	ng		0.00
42) 2,4,6-Tribromophenol	10.786	330	309465	105.607	ng		0.00
45) 2-Fluorobiphenyl	9.322	172	2005894	96.712	ng		0.00
79) Terphenyl-d14	13.068	244	1663033	99.838	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.816	88	225749	52.289	ng		100
3) Pyridine	3.587	79	584060	52.122	ng		99
4) n-Nitrosodimethylamine	3.534	42	307202	53.098	ng		100
6) Aniline	6.628	93	827275	51.687	ng		100
8) 2-Chlorophenol	6.751	128	493989	51.652	ng		98
9) Benzaldehyde	6.516	77	509476	59.162	ng		99
10) Phenol	6.598	94	645540m	51.598	ng		
11) bis(2-Chloroethyl)ether	6.698	93	491371	51.295	ng		99
12) 1,3-Dichlorobenzene	6.910	146	529202	50.937	ng		99
13) 1,4-Dichlorobenzene	6.981	146	531696	50.818	ng		99
14) 1,2-Dichlorobenzene	7.134	146	510140	51.264	ng		100
15) Benzyl Alcohol	7.098	79	461379	52.616	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.239	45	908530	51.128	ng		99
17) 2-Methylphenol	7.204	107	418793	52.079	ng		100
18) Hexachloroethane	7.481	117	189394	52.289	ng		99
19) n-Nitroso-di-n-propyla...	7.381	70	369367	50.131	ng		99
20) 3+4-Methylphenols	7.363	107	506069	51.870	ng	#	89
22) Acetophenone	7.369	105	661017	50.258	ng		98
24) Nitrobenzene	7.545	77	538666	51.843	ng		100
25) Isophorone	7.786	82	1018783	51.783	ng		99
26) 2-Nitrophenol	7.857	139	252169	55.920	ng		98
27) 2,4-Dimethylphenol	7.892	122	469819	51.112	ng		100
28) bis(2-Chloroethoxy)met...	7.986	93	597241	50.631	ng		100
29) 2,4-Dichlorophenol	8.098	162	401336	51.773	ng		99
30) 1,2,4-Trichlorobenzene	8.186	180	420763	50.242	ng		99
31) Naphthalene	8.269	128	1369627	50.060	ng		100
32) Benzoic acid	7.998	122	273361m	52.352	ng		
33) 4-Chloroaniline	8.310	127	566422	50.703	ng		99
34) Hexachlorobutadiene	8.392	225	260787	50.976	ng		99
35) Caprolactam	8.680	113	126050	53.811	ng		96
36) 4-Chloro-3-methylphenol	8.786	107	431745	51.242	ng		98
37) 2-Methylnaphthalene	8.957	142	837820	50.324	ng		100
38) 1-Methylnaphthalene	9.057	142	862300	50.298	ng		100
40) 1,2,4,5-Tetrachloroben...	9.128	216	412916	50.420	ng		100
41) Hexachlorocyclopentadiene	9.116	237	286805	53.823	ng		99
43) 2,4,6-Trichlorophenol	9.228	196	304466	53.718	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	291607	51.434	ng	99
46) 1,1'-Biphenyl	9.422	154	1101317	49.764	ng	99
47) 2-Chloronaphthalene	9.445	162	826749	50.488	ng	100
48) 2-Nitroaniline	9.533	65	281082	54.736	ng	99
49) Acenaphthylene	9.863	152	1388721	50.605	ng	100
50) Dimethylphthalate	9.716	163	939863	50.832	ng	100
51) 2,6-Dinitrotoluene	9.775	165	205147	54.541	ng	98
52) Acenaphthene	10.033	154	818783	50.481	ng	100
53) 3-Nitroaniline	9.945	138	236959	53.861	ng	99
54) 2,4-Dinitrophenol	10.045	184	81983	50.750	ng	98
55) Dibenzofuran	10.204	168	1204088	50.001	ng	99
56) 4-Nitrophenol	10.086	139	177408	54.001	ng	98
57) 2,4-Dinitrotoluene	10.180	165	264045	55.954	ng	95
58) Fluorene	10.551	166	891646	49.335	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	248745	52.965	ng	100
60) Diethylphthalate	10.416	149	942625	51.580	ng	100
61) 4-Chlorophenyl-phenyle...	10.539	204	449168	49.911	ng	99
62) 4-Nitroaniline	10.557	138	205210	54.424	ng	99
63) Azobenzene	10.698	77	966931	50.766	ng	100
65) 4,6-Dinitro-2-methylph...	10.586	198	122876	51.927	ng	100
66) n-Nitrosodiphenylamine	10.657	169	811422	51.540	ng	100
67) 4-Bromophenyl-phenylether	11.027	248	275679	51.741	ng	98
68) Hexachlorobenzene	11.098	284	288405	51.788	ng	100
69) Atrazine	11.180	200	232907	53.662	ng	99
70) Pentachlorophenol	11.286	266	178753	54.581	ng	99
71) Phenanthrene	11.510	178	1194582	50.321	ng	100
72) Anthracene	11.563	178	1223920	50.552	ng	100
73) Carbazole	11.710	167	1076803	50.934	ng	100
74) Di-n-butylphthalate	12.045	149	1250841	52.290	ng	100
75) Fluoranthene	12.698	202	1093890	50.203	ng	100
77) Benzidine	12.810	184	431944	45.229	ng	100
78) Pyrene	12.927	202	1078520	50.982	ng	100
80) Butylbenzylphthalate	13.539	149	360698	55.681	ng	98
81) Benzo(a)anthracene	14.110	228	880975	53.085	ng	99
82) 3,3'-Dichlorobenzidine	14.068	252	294836	53.305	ng	99
83) Chrysene	14.151	228	754953	50.597	ng	100
84) Bis(2-ethylhexyl)phtha...	14.098	149	534128	54.475	ng	100
85) Di-n-octyl phthalate	14.715	149	960309	54.032	ng	99
87) Indeno(1,2,3-cd)pyrene	17.168	276	1061877	53.347	ng	99
88) Benzo(b)fluoranthene	15.180	252	953990	55.319	ng	100
89) Benzo(k)fluoranthene	15.209	252	754417	49.024	ng	99
90) Benzo(a)pyrene	15.562	252	840968	52.928	ng	100
91) Dibenzo(a,h)anthracene	17.186	278	861467	53.172	ng	99
92) Benzo(g,h,i)perylene	17.633	276	843865	53.845	ng	100

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

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