Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050525\
Data File : BF142296.D
Acq On : 05 May 2025 14:23
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 05 17:56:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 17:44:56 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.904	152	207173	20.000	ng		0.00
21) Naphthalene-d8	8.187	136	800106	20.000	ng		0.00
39) Acenaphthene-d10	9.939	164	439288	20.000	ng		0.00
64) Phenanthrene-d10	11.427	188	788007	20.000	ng		0.00
76) Chrysene-d12	14.068	240	553678	20.000	ng		0.00
86) Perylene-d12	15.557	264	376971	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	125572	10.347	ng		0.00
7) Phenol-d6	6.510	99	156415	10.479	ng		-0.01
23) Nitrobenzene-d5	7.457	82	115545	8.807	ng		-0.01
42) 2,4,6-Tribromophenol	10.727	330	35296	8.322	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	381508	12.383	ng		0.00
79) Terphenyl-d14	13.010	244	413313	11.049	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	28652	5.243	ng		100
3) Pyridine	3.463	79	60003m	4.669	ng		
4) n-Nitrosodimethylamine	3.387	42	37175	4.985	ng	#	98
6) Aniline	6.563	93	49440	3.377	ng		97
8) 2-Chlorophenol	6.681	128	62258	4.801	ng		98
9) Benzaldehyde	6.451	77	54313	6.217	ng		97
10) Phenol	6.522	94	82817	5.234	ng		97
11) bis(2-Chloroethyl)ether	6.634	93	92675m	5.940	ng		
12) 1,3-Dichlorobenzene	6.845	146	80536	5.428	ng		99
13) 1,4-Dichlorobenzene	6.922	146	80900	5.431	ng		98
14) 1,2-Dichlorobenzene	7.075	146	76655	5.361	ng		99
15) Benzyl Alcohol	7.034	79	42272	4.374	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	123229	5.289	ng		100
17) 2-Methylphenol	7.140	107	53481	5.094	ng		98
18) Hexachloroethane	7.422	117	24476	4.938	ng		98
19) n-Nitroso-di-n-propyla...	7.304	70	48843	5.290	ng		97
20) 3+4-Methylphenols	7.292	107	70122	5.351	ng		89
22) Acetophenone	7.304	105	101001	5.677	ng		98
24) Nitrobenzene	7.481	77	56276	4.551	ng		98
25) Isophorone	7.716	82	127812	5.145	ng		98
26) 2-Nitrophenol	7.798	139	17854	6.828	ng		97
27) 2,4-Dimethylphenol	7.828	122	62210	4.981	ng		99
28) bis(2-Chloroethoxy)met...	7.928	93	86020	5.385	ng		98
29) 2,4-Dichlorophenol	8.034	162	49005	4.615	ng		99
30) 1,2,4-Trichlorobenzene	8.128	180	65738	5.501	ng		98
31) Naphthalene	8.210	128	220404	5.684	ng		98
33) 4-Chloroaniline	8.275	127	74603m	4.723	ng		
34) Hexachlorobutadiene	8.328	225	37522	5.302	ng		99
35) Caprolactam	8.581	113	12615	4.085	ng		96
36) 4-Chloro-3-methylphenol	8.722	107	56110	5.083	ng		99
37) 2-Methylnaphthalene	8.898	142	134367	5.576	ng		99
38) 1-Methylnaphthalene	8.998	142	141952	5.652	ng		99
40) 1,2,4,5-Tetrachloroben...	9.063	216	65890	5.370	ng		99
41) Hexachlorocyclopentadiene	9.051	237	31389	4.140	ng		99
43) 2,4,6-Trichlorophenol	9.169	196	33630	4.346	ng		98
44) 2,4,5-Trichlorophenol	9.204	196	37237	4.522	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.363	154	189666	5.631	ng		98
47) 2-Chloronaphthalene	9.386	162	137929	5.506	ng		98
48) 2-Nitroaniline	9.475	65	22539	3.510	ng		95
49) Acenaphthylene	9.798	152	228773	5.460	ng		99
50) Dimethylphthalate	9.651	163	146916	5.208	ng		99
51) 2,6-Dinitrotoluene	9.716	165	18933	3.586	ng		95
52) Acenaphthene	9.975	154	138379	5.492	ng		96
53) 3-Nitroaniline	9.886	138	22656	3.659	ng	#	98
55) Dibenzofuran	10.145	168	212190	5.706	ng		99
56) 4-Nitrophenol	10.028	139	17445	3.743	ng		96
57) 2,4-Dinitrotoluene	10.116	165	24415	3.605	ng		96
58) Fluorene	10.486	166	167029	5.886	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	29233	4.301	ng		99
60) Diethylphthalate	10.357	149	147649	5.241	ng		98
61) 4-Chlorophenyl-phenyle...	10.480	204	76782	5.608	ng		98
62) 4-Nitroaniline	10.486	138	22736	4.632	ng		93
63) Azobenzene	10.639	77	146968	5.460	ng		99
66) n-Nitrosodiphenylamine	10.592	169	138600	5.286	ng		99
67) 4-Bromophenyl-phenylether	10.975	248	45301	5.072	ng		97
68) Hexachlorobenzene	11.033	284	51978	5.291	ng		100
69) Atrazine	11.122	200	30914	4.472	ng		99
70) Pentachlorophenol	11.227	266	18599	3.599	ng		98
71) Phenanthrene	11.451	178	235107	5.692	ng		98
72) Anthracene	11.504	178	238345	5.616	ng		98
73) Carbazole	11.657	167	209878	5.512	ng		98
74) Di-n-butylphthalate	11.986	149	188462	4.707	ng		99
75) Fluoranthene	12.639	202	236016	5.716	ng		99
78) Pyrene	12.869	202	252238	5.118	ng		98
80) Butylbenzylphthalate	13.492	149	39082	6.169	ng		98
81) Benzo(a)anthracene	14.057	228	189654	5.289	ng		99
82) 3,3'-Dichlorobenzidine	14.021	252	34544	4.143	ng		99
83) Chrysene	14.092	228	179085	5.365	ng		100
84) Bis(2-ethylhexyl)phtha...	14.051	149	45343	6.444	ng		98
87) Indeno(1,2,3-cd)pyrene	17.057	276	108522	4.138	ng		99
88) Benzo(b)fluoranthene	15.115	252	123666	5.416	ng		99
89) Benzo(k)fluoranthene	15.145	252	109149	5.224	ng		99
90) Benzo(a)pyrene	15.492	252	97418	4.761	ng		100
91) Dibenzo(a,h)anthracene	17.080	278	93055	4.295	ng		98
92) Benzo(g,h,i)perylene	17.509	276	91492	4.255	ng		98

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

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Supervised By :Jagrut Upadhyay   05/06/2025