Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071525\
Data File : BF143101.D
Acq On : 15 Jul 2025 17:27
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF071525

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

Quant Time: Jul 15 17:54:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 15 17:53:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	130235	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	496378	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	248221	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	398969	20.000	ng	0.00
76) Chrysene-d12	14.133	240	215152	20.000	ng	0.00
86) Perylene-d12	15.639	264	235493	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	649544	78.799	ng	0.00
7) Phenol-d6	6.587	99	814393	78.598	ng	0.00
23) Nitrobenzene-d5	7.528	82	692735m	78.289	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	190277	85.971	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1290148	69.090	ng	0.00
79) Terphenyl-d14	13.074	244	1064372	72.317	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.810	88	156917	38.242	ng	99
3) Pyridine	3.581	79	426106	41.009	ng	99
4) n-Nitrosodimethylamine	3.522	42	223240	41.468	ng	98
6) Aniline	6.628	93	598787	41.038	ng	100
8) 2-Chlorophenol	6.751	128	351129	42.397	ng	99
9) Benzaldehyde	6.516	77	293033	37.115	ng	99
10) Phenol	6.598	94	467536m	41.681	ng	
11) bis(2-Chloroethyl)ether	6.698	93	354713	40.848	ng	99
12) 1,3-Dichlorobenzene	6.910	146	380756	40.694	ng	100
13) 1,4-Dichlorobenzene	6.987	146	381590	40.539	ng	100
14) 1,2-Dichlorobenzene	7.139	146	366082	40.782	ng	99
15) Benzyl Alcohol	7.098	79	325035	42.336	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.239	45	644651	40.273	ng	100
17) 2-Methylphenol	7.204	107	296835	41.532	ng	99
18) Hexachloroethane	7.486	117	132499	43.239	ng	100
19) n-Nitroso-di-n-propyla...	7.375	70	266499	41.982	ng	100
20) 3+4-Methylphenols	7.363	107	368618	42.057	ng	99
22) Acetophenone	7.375	105	482823	40.351	ng	99
24) Nitrobenzene	7.545	77	381374	44.647	ng	99
25) Isophorone	7.786	82	704424	41.188	ng	100
26) 2-Nitrophenol	7.863	139	150156	44.317	ng	100
27) 2,4-Dimethylphenol	7.892	122	333899	42.064	ng	100
28) bis(2-Chloroethoxy)met...	7.992	93	423022	40.789	ng	100
29) 2,4-Dichlorophenol	8.098	162	283011	43.580	ng	99
30) 1,2,4-Trichlorobenzene	8.192	180	303602	41.194	ng	99
31) Naphthalene	8.275	128	999363	40.543	ng	99
32) Benzoic acid	7.986	122	169020m	43.449	ng	
33) 4-Chloroaniline	8.310	127	408741	41.236	ng	99
34) Hexachlorobutadiene	8.392	225	182140	41.324	ng	99
35) Caprolactam	8.675	113	88286	43.536	ng	95
36) 4-Chloro-3-methylphenol	8.786	107	306624	42.387	ng	99
37) 2-Methylnaphthalene	8.963	142	597819	40.654	ng	100
38) 1-Methylnaphthalene	9.063	142	624130	40.922	ng	100
40) 1,2,4,5-Tetrachloroben...	9.128	216	293187	40.531	ng	99
41) Hexachlorocyclopentadiene	9.122	237	180819	45.086	ng	98
43) 2,4,6-Trichlorophenol	9.233	196	197565	43.955	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	202658	43.001	ng		99
46) 1,1'-Biphenyl	9.428	154	799467	40.387	ng		100
47) 2-Chloronaphthalene	9.451	162	584687	40.207	ng		100
48) 2-Nitroaniline	9.539	65	185847	43.148	ng		96
49) Acenaphthylene	9.869	152	987106	40.736	ng		99
50) Dimethylphthalate	9.722	163	644618	41.279	ng		100
51) 2,6-Dinitrotoluene	9.780	165	132241	43.156	ng		92
52) Acenaphthene	10.039	154	571724	39.982	ng		99
53) 3-Nitroaniline	9.945	138	160978	47.707	ng		99
54) 2,4-Dinitrophenol	10.051	184	46465	47.113	ng	#	1
55) Dibenzofuran	10.210	168	858944	40.300	ng		100
56) 4-Nitrophenol	10.092	139	122610	45.720	ng		96
57) 2,4-Dinitrotoluene	10.180	165	168227	43.964	ng		99
58) Fluorene	10.557	166	634897	39.732	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.327	232	168172	44.902	ng		98
60) Diethylphthalate	10.422	149	637247	42.297	ng		99
61) 4-Chlorophenyl-phenyle...	10.545	204	313111	40.882	ng		98
62) 4-Nitroaniline	10.557	138	139342	47.486	ng		98
63) Azobenzene	10.704	77	680354	40.833	ng		99
65) 4,6-Dinitro-2-methylph...	10.586	198	65266	44.754	ng		98
66) n-Nitrosodiphenylamine	10.663	169	563086	40.179	ng		100
67) 4-Bromophenyl-phenylether	11.033	248	189573	41.782	ng		100
68) Hexachlorobenzene	11.104	284	196969	40.915	ng		99
69) Atrazine	11.180	200	158741	44.273	ng		98
70) Pentachlorophenol	11.292	266	118797	44.978	ng		99
71) Phenanthrene	11.516	178	871369	40.469	ng		100
72) Anthracene	11.569	178	887738	40.999	ng		100
73) Carbazole	11.716	167	791886	40.823	ng		99
74) Di-n-butylphthalate	12.051	149	820833	46.099	ng		100
75) Fluoranthene	12.704	202	824497	42.113	ng		100
77) Benzidine	12.816	184	350573	47.827	ng		98
78) Pyrene	12.933	202	820201	41.087	ng		100
80) Butylbenzylphthalate	13.551	149	172390	43.340	ng		100
81) Benzo(a)anthracene	14.121	228	583794	40.719	ng		100
82) 3,3'-Dichlorobenzidine	14.080	252	183371	44.044	ng		99
83) Chrysene	14.157	228	530018	40.139	ng		98
84) Bis(2-ethylhexyl)phtha...	14.110	149	239329	40.166	ng		99
85) Di-n-octyl phthalate	14.727	149	424959	38.648	ng		100
87) Indeno(1,2,3-cd)pyrene	17.186	276	744447	42.503	ng		100
88) Benzo(b)fluoranthene	15.192	252	594727	43.782	ng		100
89) Benzo(k)fluoranthene	15.221	252	513977	39.662	ng		99
90) Benzo(a)pyrene	15.574	252	548875	42.724	ng		99
91) Dibenzo(a,h)anthracene	17.203	278	611881	42.735	ng		99
92) Benzo(g,h,i)perylene	17.651	276	632939	43.359	ng		99

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

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