Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071125\
Data File : BF143079.D
Acq On : 11 Jul 2025 16:51
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF071125

Quant Time: Jul 11 17:59:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 11 17:57:40 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.969	152	144550	20.000	ng		0.00
21) Naphthalene-d8	8.251	136	561709	20.000	ng		0.00
39) Acenaphthene-d10	10.004	164	282322	20.000	ng		0.00
64) Phenanthrene-d10	11.492	188	409771	20.000	ng		0.00
76) Chrysene-d12	14.127	240	216471	20.000	ng		0.00
86) Perylene-d12	15.633	264	272108	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.587	112	714714	78.550	ng		0.00
7) Phenol-d6	6.587	99	906879	78.773	ng		0.00
23) Nitrobenzene-d5	7.528	82	728948	92.736	ng		0.00
42) 2,4,6-Tribromophenol	10.792	330	192063	91.913	ng		0.00
45) 2-Fluorobiphenyl	9.322	172	1368951	76.214	ng		0.00
79) Terphenyl-d14	13.074	244	981259	78.312	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.799	88	164490	38.464	ng		99
3) Pyridine	3.575	79	404252	38.536	ng		98
4) n-Nitrosodimethylamine	3.516	42	228810	39.312	ng		99
6) Aniline	6.628	93	444291	38.747	ng		100
8) 2-Chlorophenol	6.751	128	368296	40.152	ng		99
9) Benzaldehyde	6.516	77	278099	40.361	ng		100
10) Phenol	6.598	94	471128m	39.594	ng		
11) bis(2-Chloroethyl)ether	6.698	93	359810	38.393	ng		100
12) 1,3-Dichlorobenzene	6.910	146	398109	38.497	ng		99
13) 1,4-Dichlorobenzene	6.987	146	398537	38.476	ng		100
14) 1,2-Dichlorobenzene	7.139	146	372689	38.655	ng		100
15) Benzyl Alcohol	7.098	79	347673	40.416	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.239	45	643303	37.673	ng		99
17) 2-Methylphenol	7.210	107	293487	38.719	ng		99
18) Hexachloroethane	7.487	117	139682	41.913	ng		99
19) n-Nitroso-di-n-propyla...	7.375	70	272869	38.512	ng		99
20) 3+4-Methylphenols	7.363	107	376462	40.207	ng		97
22) Acetophenone	7.375	105	504977	38.485	ng	#	94
24) Nitrobenzene	7.545	77	388924	47.468	ng		99
25) Isophorone	7.781	82	664598	38.943	ng		99
26) 2-Nitrophenol	7.863	139	154828	48.844	ng		98
27) 2,4-Dimethylphenol	7.892	122	253539	40.987	ng		99
28) bis(2-Chloroethoxy)met...	7.992	93	431561	38.449	ng		99
29) 2,4-Dichlorophenol	8.098	162	303280	41.697	ng		99
30) 1,2,4-Trichlorobenzene	8.192	180	326510	39.134	ng		100
31) Naphthalene	8.275	128	1077710	38.821	ng		100
32) Benzoic acid	7.992	122	180932m	48.318	ng		
33) 4-Chloroaniline	8.310	127	366627	39.091	ng		100
34) Hexachlorobutadiene	8.392	225	192667	39.353	ng		99
35) Caprolactam	8.675	113	87703	43.008	ng		95
36) 4-Chloro-3-methylphenol	8.781	107	320092	40.922	ng		99
37) 2-Methylnaphthalene	8.963	142	696361	38.383	ng		100
38) 1-Methylnaphthalene	9.063	142	672095	38.493	ng		100
40) 1,2,4,5-Tetrachloroben...	9.128	216	319029	38.580	ng		98
41) Hexachlorocyclopentadiene	9.122	237	88414	42.857	ng		100
43) 2,4,6-Trichlorophenol	9.233	196	200729	43.435	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	206665	42.900	ng		99
46) 1,1'-Biphenyl	9.428	154	850417	38.360	ng		99
47) 2-Chloronaphthalene	9.451	162	616836	38.419	ng		100
48) 2-Nitroaniline	9.533	65	173315	44.433	ng		98
49) Acenaphthylene	9.869	152	917859	38.941	ng		100
50) Dimethylphthalate	9.722	163	700694	39.938	ng		100
51) 2,6-Dinitrotoluene	9.775	165	139364	45.189	ng		97
52) Acenaphthene	10.039	154	614429	38.703	ng		100
53) 3-Nitroaniline	9.945	138	145340	43.861	ng	#	98
54) 2,4-Dinitrophenol	10.045	184	36073	50.385	ng	#	10
55) Dibenzofuran	10.210	168	890129	38.392	ng		99
56) 4-Nitrophenol	10.086	139	107280	44.320	ng		97
57) 2,4-Dinitrotoluene	10.180	165	155436	45.928	ng		98
58) Fluorene	10.551	166	641886	37.821	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	169778	43.740	ng		98
60) Diethylphthalate	10.422	149	652213	40.400	ng		100
61) 4-Chlorophenyl-phenyle...	10.545	204	328162	38.902	ng		100
62) 4-Nitroaniline	10.557	138	115122	42.943	ng		100
63) Azobenzene	10.704	77	717408	39.036	ng		99
65) 4,6-Dinitro-2-methylph...	10.586	198	57503	48.294	ng		99
66) n-Nitrosodiphenylamine	10.657	169	554007	39.346	ng		99
67) 4-Bromophenyl-phenylether	11.033	248	190818	40.064	ng		99
68) Hexachlorobenzene	11.104	284	192614	40.189	ng		98
69) Atrazine	11.180	200	116519	38.861	ng		98
70) Pentachlorophenol	11.292	266	120350	44.755	ng		98
71) Phenanthrene	11.516	178	867797	38.644	ng		100
72) Anthracene	11.569	178	850456	38.858	ng		100
73) Carbazole	11.716	167	699924	38.694	ng		100
74) Di-n-butylphthalate	12.051	149	780203	43.485	ng		100
75) Fluoranthene	12.704	202	746057	38.626	ng		99
77) Benzidine	12.816	184	176334	41.044	ng		99
78) Pyrene	12.933	202	732950	38.756	ng		100
80) Butylbenzylphthalate	13.545	149	155660	42.361	ng		99
81) Benzo(a)anthracene	14.116	228	541608	39.111	ng		100
82) 3,3'-Dichlorobenzidine	14.074	252	163016	42.726	ng		100
83) Chrysene	14.151	228	524931	40.423	ng		99
84) Bis(2-ethylhexyl)phtha...	14.110	149	254751	46.512	ng		100
85) Di-n-octyl phthalate	14.727	149	482236	41.856	ng		99
87) Indeno(1,2,3-cd)pyrene	17.174	276	747567	39.976	ng		99
88) Benzo(b)fluoranthene	15.186	252	632256	39.489	ng		100
89) Benzo(k)fluoranthene	15.221	252	558763	39.516	ng		99
90) Benzo(a)pyrene	15.568	252	553163	40.434	ng		99
91) Dibenzo(a,h)anthracene	17.192	278	613157	40.155	ng		100
92) Benzo(g,h,i)perylene	17.639	276	627321	39.055	ng		99

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

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