Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090925\
Data File : BF143667.D
Acq On : 08 Sep 2025 16:22
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Sep 09 04:46:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 04:44:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.887	152	63883	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	247590	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	146286	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	252532	20.000	ng		0.00
76) Chrysene-d12	14.045	240	167338	20.000	ng		0.00
86) Perylene-d12	15.515	264	137946	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	74427	20.139	ng		0.00
7) Phenol-d6	6.498	99	90109	19.980	ng		-0.01
23) Nitrobenzene-d5	7.445	82	77893	19.588	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	29231	19.709	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	192850	20.557	ng		0.00
79) Terphenyl-d14	12.992	244	217428	21.299	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	16596	10.022	ng		98
3) Pyridine	3.451	79	42017	9.796	ng		97
4) n-Nitrosodimethylamine	3.381	42	15766	9.492	ng		98
6) Aniline	6.545	93	60406	9.963	ng		100
8) 2-Chlorophenol	6.669	128	38736	9.647	ng		97
9) Benzaldehyde	6.440	77	29958	9.656	ng		99
10) Phenol	6.510	94	49009	9.593	ng		98
11) bis(2-Chloroethyl)ether	6.616	93	38031	10.164	ng		98
12) 1,3-Dichlorobenzene	6.828	146	47572	10.284	ng		98
13) 1,4-Dichlorobenzene	6.904	146	47505	10.248	ng		98
14) 1,2-Dichlorobenzene	7.057	146	43476	9.963	ng		98
15) Benzyl Alcohol	7.022	79	32456	9.681	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	52067	10.361	ng		99
17) 2-Methylphenol	7.128	107	32015	9.701	ng		98
18) Hexachloroethane	7.404	117	14182	9.398	ng		96
19) n-Nitroso-di-n-propyla...	7.287	70	28223	10.019	ng		97
20) 3+4-Methylphenols	7.275	107	43802	10.329	ng	#	87
22) Acetophenone	7.292	105	57128	10.270	ng		97
24) Nitrobenzene	7.463	77	40037	9.782	ng		100
25) Isophorone	7.698	82	76541	9.931	ng		99
26) 2-Nitrophenol	7.781	139	17376	8.822	ng		99
27) 2,4-Dimethylphenol	7.810	122	35967	9.956	ng		97
28) bis(2-Chloroethoxy)met...	7.916	93	46858	9.952	ng		98
29) 2,4-Dichlorophenol	8.016	162	35518	9.755	ng		98
30) 1,2,4-Trichlorobenzene	8.110	180	38271	10.151	ng		97
31) Naphthalene	8.192	128	125327	10.293	ng		100
32) Benzoic acid	7.863	122	13804	6.132	ng		93
33) 4-Chloroaniline	8.234	127	42880	10.044	ng		99
34) Hexachlorobutadiene	8.310	225	24382	9.848	ng		99
35) Caprolactam	8.569	113	9442	9.445	ng		96
36) 4-Chloro-3-methylphenol	8.704	107	36606	10.022	ng		97
37) 2-Methylnaphthalene	8.881	142	85344	10.181	ng		99
38) 1-Methylnaphthalene	8.981	142	82270	10.248	ng		99
40) 1,2,4,5-Tetrachloroben...	9.045	216	39875	9.619	ng		96
41) Hexachlorocyclopentadiene	9.033	237	19239	8.895	ng		99
43) 2,4,6-Trichlorophenol	9.151	196	25481	9.263	ng		98

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44) 2,4,5-Trichlorophenol	9.186	196	27773	9.842	ng		98
46) 1,1'-Biphenyl	9.345	154	106516	10.116	ng		97
47) 2-Chloronaphthalene	9.369	162	81491	9.960	ng		99
48) 2-Nitroaniline	9.457	65	20530	9.211	ng		97
49) Acenaphthylene	9.780	152	117452	10.039	ng		99
50) Dimethylphthalate	9.639	163	95038	9.924	ng		100
51) 2,6-Dinitrotoluene	9.698	165	16327	8.925	ng		98
52) Acenaphthene	9.957	154	80249	9.930	ng		100
53) 3-Nitroaniline	9.863	138	18917	9.684	ng		96
54) 2,4-Dinitrophenol	9.969	184	5160	10.474	ng	#	1
55) Dibenzofuran	10.128	168	118619	10.244	ng		99
56) 4-Nitrophenol	10.010	139	14256	8.942	ng		98
57) 2,4-Dinitrotoluene	10.098	165	22036	9.090	ng		99
58) Fluorene	10.469	166	94971	10.464	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.239	232	22015	9.517	ng	#	99
60) Diethylphthalate	10.339	149	91230	10.115	ng		100
61) 4-Chlorophenyl-phenyle...	10.463	204	47053	10.268	ng		99
62) 4-Nitroaniline	10.475	138	18757	9.976	ng		97
63) Azobenzene	10.622	77	80189	10.109	ng		100
65) 4,6-Dinitro-2-methylph...	10.504	198	8647	6.707	ng		91
66) n-Nitrosodiphenylamine	10.575	169	79904	9.714	ng		99
67) 4-Bromophenyl-phenylether	10.951	248	28142	9.317	ng		98
68) Hexachlorobenzene	11.016	284	30416	9.640	ng		95
69) Atrazine	11.098	200	26486	9.948	ng		99
70) Pentachlorophenol	11.204	266	16342	8.336	ng		97
71) Phenanthrene	11.433	178	137681	9.964	ng		99
72) Anthracene	11.480	178	139795	10.024	ng		98
73) Carbazole	11.633	167	118539	10.159	ng		99
74) Di-n-butylphthalate	11.969	149	142566	10.154	ng		99
75) Fluoranthene	12.621	202	134487	10.509	ng		98
77) Benzidine	12.739	184	52269	14.430	ng		99
78) Pyrene	12.845	202	138848	10.334	ng		99
80) Butylbenzylphthalate	13.468	149	38197	9.006	ng		97
81) Benzo(a)anthracene	14.033	228	107697	10.067	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	27399	9.071	ng		97
83) Chrysene	14.068	228	96152	9.859	ng		99
84) Bis(2-ethylhexyl)phtha...	14.027	149	48533	8.500	ng		98
85) Di-n-octyl phthalate	14.639	149	70386	7.075	ng		99
87) Indeno(1,2,3-cd)pyrene	16.992	276	85373	9.176	ng		98
88) Benzo(b)fluoranthene	15.080	252	85249	10.136	ng		99
89) Benzo(k)fluoranthene	15.110	252	70845	9.601	ng		99
90) Benzo(a)pyrene	15.451	252	70239	9.736	ng		98
91) Dibenzo(a,h)anthracene	17.015	278	69830	9.058	ng		96
92) Benzo(g,h,i)perylene	17.445	276	66080	9.062	ng		98

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

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