Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
Data File : BF143357.D
Acq On : 12 Aug 2025 17:02
Operator : RC/JU
Sample : Q2807-03MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-6MS

Quant Time: Aug 12 17:22:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:25:39 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	156492	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	586819	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	297224	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	432448	20.000	ng	0.00
76) Chrysene-d12	14.092	240	390031	20.000	ng	0.00
86) Perylene-d12	15.580	264	473134	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	816863	90.264	ng	0.00
7) Phenol-d6	6.563	99	1067179	91.958	ng	0.00
23) Nitrobenzene-d5	7.487	82	664096	70.474	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	247661	114.015	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1154235	65.853	ng	0.00
79) Terphenyl-d14	13.033	244	1165234	53.338	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.799	88	175079	37.387	ng	100
3) Pyridine	3.569	79	473265	37.926	ng	98
4) n-Nitrosodimethylamine	3.505	42	252841	43.497	ng	99
6) Aniline	6.593	93	458691	28.036	ng	100
8) 2-Chlorophenol	6.716	128	420916	43.529	ng	98
9) Benzaldehyde	6.481	77	254709	33.207	ng	99
10) Phenol	6.575	94	551767	40.135	ng	100
11) bis(2-Chloroethyl)ether	6.657	93	427241	42.166	ng	98
12) 1,3-Dichlorobenzene	6.875	146	470783	42.209	ng	99
13) 1,4-Dichlorobenzene	6.946	146	472815	42.237	ng	99
14) 1,2-Dichlorobenzene	7.098	146	451704	42.508	ng	99
15) Benzyl Alcohol	7.069	79	375963	45.195	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	780803	43.164	ng	98
17) 2-Methylphenol	7.181	107	343061	42.029	ng	100
18) Hexachloroethane	7.445	117	160548	45.745	ng	99
19) n-Nitroso-di-n-propyla...	7.334	70	307114	42.829	ng	99
20) 3+4-Methylphenols	7.334	107	412632	41.800	ng	95
22) Acetophenone	7.334	105	560121	43.321	ng	98
24) Nitrobenzene	7.504	77	450357	44.006	ng	99
25) Isophorone	7.745	82	839858	43.659	ng	99
26) 2-Nitrophenol	7.822	139	203007	49.386	ng	97
27) 2,4-Dimethylphenol	7.863	122	379436	47.278	ng	100
28) bis(2-Chloroethoxy)met...	7.951	93	519224	44.208	ng	100
29) 2,4-Dichlorophenol	8.069	162	345552	44.083	ng	99
30) 1,2,4-Trichlorobenzene	8.151	180	371431	44.921	ng	99
31) Naphthalene	8.234	128	1174328	41.588	ng	100
32) Benzoic acid	7.969	122	177442	50.149	ng	99
33) 4-Chloroaniline	8.275	127	202527	19.886	ng	99
34) Hexachlorobutadiene	8.351	225	224841	43.713	ng	99
35) Caprolactam	8.640	113	105422	47.840	ng	97
36) 4-Chloro-3-methylphenol	8.763	107	344956	41.977	ng	97
37) 2-Methylnaphthalene	8.922	142	710577	38.278	ng	99
38) 1-Methylnaphthalene	9.022	142	726026	40.608	ng	99
40) 1,2,4,5-Tetrachloroben...	9.092	216	351713	43.243	ng	99
41) Hexachlorocyclopentadiene	9.081	237	330717	112.352	ng	99
43) 2,4,6-Trichlorophenol	9.198	196	227894	49.384	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	236660	45.413	ng		99
46) 1,1'-Biphenyl	9.387	154	933758	44.432	ng		100
47) 2-Chloronaphthalene	9.410	162	714158	43.148	ng		99
48) 2-Nitroaniline	9.504	65	221660	46.525	ng		99
49) Acenaphthylene	9.828	152	1142446	47.797	ng		100
50) Dimethylphthalate	9.681	163	811792	46.743	ng		100
51) 2,6-Dinitrotoluene	9.739	165	167865	50.888	ng		99
52) Acenaphthene	9.998	154	719315	45.268	ng		100
53) 3-Nitroaniline	9.910	138	117520	33.042	ng		98
54) 2,4-Dinitrophenol	10.022	184	110126	79.443	ng	#	83
55) Dibenzofuran	10.169	168	979535	42.831	ng		99
56) 4-Nitrophenol	10.075	139	239983	84.124	ng		99
57) 2,4-Dinitrotoluene	10.145	165	218502	49.971	ng		95
58) Fluorene	10.516	166	749019	42.879	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.292	232	186678	53.141	ng		99
60) Diethylphthalate	10.381	149	770188	49.510	ng		99
61) 4-Chlorophenyl-phenyle...	10.504	204	365590	43.314	ng		98
62) 4-Nitroaniline	10.522	138	165289	48.034	ng		99
63) Azobenzene	10.663	77	864662	48.662	ng		96
65) 4,6-Dinitro-2-methylph...	10.557	198	85973	48.966	ng		98
66) n-Nitrosodiphenylamine	10.622	169	642160	45.097	ng		99
67) 4-Bromophenyl-phenylether	10.992	248	225678	45.630	ng		98
68) Hexachlorobenzene	11.069	284	228918	42.940	ng		99
69) Atrazine	11.145	200	203496	54.792	ng		100
70) Pentachlorophenol	11.257	266	238217	90.453	ng		98
71) Phenanthrene	11.475	178	1243555	52.706	ng		100
72) Anthracene	11.528	178	1076705	44.998	ng		100
73) Carbazole	11.681	167	929305	45.603	ng		99
74) Di-n-butylphthalate	12.004	149	1121739	65.050	ng		100
75) Fluoranthene	12.663	202	1320210	63.878	ng		100
77) Benzidine	12.780	184	479406	44.959	ng		98
78) Pyrene	12.892	202	1348664	41.219	ng		99
80) Butylbenzylphthalate	13.504	149	433049	65.650	ng		97
81) Benzo(a)anthracene	14.080	228	1283275	51.766	ng		100
82) 3,3'-Dichlorobenzidine	14.039	252	193103	28.848	ng		98
83) Chrysene	14.116	228	1171839	50.695	ng		99
84) Bis(2-ethylhexyl)phtha...	14.063	149	645569	66.227	ng		99
85) Di-n-octyl phthalate	14.674	149	1160032	59.598	ng		97
87) Indeno(1,2,3-cd)pyrene	17.104	276	1304300	38.478	ng		100
88) Benzo(b)fluoranthene	15.145	252	1494896	57.766	ng		99
89) Benzo(k)fluoranthene	15.174	252	1026897	40.838	ng		99
90) Benzo(a)pyrene	15.521	252	1258435	51.632	ng		100
91) Dibenzo(a,h)anthracene	17.115	278	1021632	37.726	ng		100
92) Benzo(g,h,i)perylene	17.562	276	997763	36.575	ng		99

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

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