Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052725\
Data File : BF142563.D
Acq On : 27 May 2025 15:52
Operator : RC/JU
Sample : Q2127-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1MS

Quant Time: May 27 16:32:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	111440	20.000	ng		0.00
21) Naphthalene-d8	8.187	136	410324	20.000	ng		0.00
39) Acenaphthene-d10	9.939	164	201286	20.000	ng		0.00
64) Phenanthrene-d10	11.428	188	296785	20.000	ng		0.00
76) Chrysene-d12	14.074	240	241729	20.000	ng		0.00
86) Perylene-d12	15.569	264	177291	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	614130	92.845	ng		0.00
7) Phenol-d6	6.528	99	762597	95.775	ng		0.00
23) Nitrobenzene-d5	7.463	82	463970	61.658	ng		-0.01
42) 2,4,6-Tribromophenol	10.734	330	187822	84.074	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	849790	56.651	ng		-0.01
79) Terphenyl-d14	13.010	244	759537	42.938	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.711	88	93955	35.496	ng		99
3) Pyridine	3.475	79	259792	38.542	ng		99
4) n-Nitrosodimethylamine	3.428	42	139642	39.900	ng		93
6) Aniline	6.557	93	210515	19.663	ng	#	90
8) 2-Chlorophenol	6.681	128	296219	41.115	ng		99
9) Benzaldehyde	6.446	77	170015	35.500	ng		99
10) Phenol	6.540	94	351806	39.267	ng		99
11) bis(2-Chloroethyl)ether	6.634	93	270369	41.922	ng		100
12) 1,3-Dichlorobenzene	6.840	146	315463	39.239	ng		98
13) 1,4-Dichlorobenzene	6.916	146	324150	40.027	ng		99
14) 1,2-Dichlorobenzene	7.069	146	310639	40.088	ng		98
15) Benzyl Alcohol	7.040	79	241145	40.982	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	441514	40.765	ng		96
17) 2-Methylphenol	7.151	107	228884	40.690	ng		100
18) Hexachloroethane	7.410	117	111590	39.462	ng		98
19) n-Nitroso-di-n-propyla...	7.310	70	194863	39.488	ng		99
20) 3+4-Methylphenols	7.304	107	287075	39.853	ng		93
22) Acetophenone	7.304	105	383589	42.230	ng		96
24) Nitrobenzene	7.481	77	284973	41.989	ng		98
25) Isophorone	7.722	82	521909	41.483	ng		99
26) 2-Nitrophenol	7.798	139	159319	43.933	ng		96
27) 2,4-Dimethylphenol	7.834	122	273542	42.773	ng		99
28) bis(2-Chloroethoxy)met...	7.928	93	332989	42.370	ng		100
29) 2,4-Dichlorophenol	8.040	162	242863	41.758	ng		99
30) 1,2,4-Trichlorobenzene	8.122	180	261182	41.379	ng		97
31) Naphthalene	8.204	128	1289401	63.819	ng		99
32) Benzoic acid	7.945	122	172521	44.317	ng		99
33) 4-Chloroaniline	8.251	127	55772	6.812	ng		99
34) Hexachlorobutadiene	8.322	225	163145	41.395	ng		99
35) Caprolactam	8.622	113	77446	47.413	ng		94
36) 4-Chloro-3-methylphenol	8.734	107	236593	39.694	ng		97
37) 2-Methylnaphthalene	8.898	142	728988	57.352	ng		99
38) 1-Methylnaphthalene	8.998	142	678387	51.597	ng		99
40) 1,2,4,5-Tetrachloroben...	9.063	216	253864	43.936	ng		98
41) Hexachlorocyclopentadiene	9.045	237	140691	36.095	ng		100
43) 2,4,6-Trichlorophenol	9.175	196	169484	43.499	ng		97

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44) 2,4,5-Trichlorophenol	9.216	196	174471	42.459	ng	99
46) 1,1'-Biphenyl	9.363	154	743409	47.605	ng	99
47) 2-Chloronaphthalene	9.387	162	488604	42.348	ng	99
48) 2-Nitroaniline	9.481	65	143794	43.118	ng	99
49) Acenaphthylene	9.804	152	857604	44.019	ng	99
50) Dimethylphthalate	9.657	163	595869	44.864	ng	100
51) 2,6-Dinitrotoluene	9.722	165	122869	42.863	ng	99
52) Acenaphthene	9.975	154	678082	56.999	ng	100
53) 3-Nitroaniline	9.887	138	77550	24.769	ng	99
54) 2,4-Dinitrophenol	9.998	184	92220	62.270	ng	94
55) Dibenzofuran	10.145	168	817316	47.743	ng	99
56) 4-Nitrophenol	10.051	139	188194	81.463	ng	99
57) 2,4-Dinitrotoluene	10.128	165	162376	43.374	ng	99
58) Fluorene	10.492	166	681105	51.500	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	133889m	39.030	ng	
60) Diethylphthalate	10.357	149	575732	44.385	ng	99
61) 4-Chlorophenyl-phenyle...	10.481	204	261713	40.283	ng	98
62) 4-Nitroaniline	10.504	138	99424	35.013	ng	99
63) Azobenzene	10.639	77	536589	46.056	ng	94
65) 4,6-Dinitro-2-methylph...	10.534	198	60257	36.381	ng	94
66) n-Nitrosodiphenylamine	10.598	169	467551	46.048	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	156512	44.600	ng	98
68) Hexachlorobenzene	11.039	284	160494	41.350	ng	99
69) Atrazine	11.128	200	142171	52.724	ng	100
70) Pentachlorophenol	11.233	266	191004	87.163	ng	99
71) Phenanthrene	11.457	178	1383509	87.228	ng	99
72) Anthracene	11.504	178	840964	51.952	ng	99
73) Carbazole	11.657	167	711553	51.419	ng	100
74) Di-n-butylphthalate	11.986	149	830102	54.802	ng	100
75) Fluoranthene	12.645	202	1378138	92.990	ng	98
77) Benzidine	12.763	184	325816	36.220	ng	99
78) Pyrene	12.875	202	1452091	64.395	ng	98
80) Butylbenzylphthalate	13.486	149	339970	54.562	ng	98
81) Benzo(a)anthracene	14.063	228	1121110	69.455	ng	95
82) 3,3'-Dichlorobenzidine	14.027	252	87926	17.959	ng	99
83) Chrysene	14.104	228	924975	63.773	ng	97
84) Bis(2-ethylhexyl)phtha...	14.045	149	518973	65.063	ng	99
85) Di-n-octyl phthalate	14.663	149	843652	54.092	ng	99
87) Indeno(1,2,3-cd)pyrene	17.086	276	555984	41.772	ng	100
88) Benzo(b)fluoranthene	15.133	252	777907	74.136	ng	97
89) Benzo(k)fluoranthene	15.163	252	584296m	59.453	ng	
90) Benzo(a)pyrene	15.510	252	644114	65.124	ng	98
91) Dibenzo(a,h)anthracene	17.104	278	395847	36.670	ng	99
92) Benzo(g,h,i)perylene	17.545	276	469894	43.520	ng	98

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

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