Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
Data File : BF142428.D
Acq On : 16 May 2025 15:46
Operator : RC/JU
Sample : Q2034-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
L3-WC-1MS

Quant Time: May 16 16:18:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.904	152	137288	20.000	ng		0.00
21) Naphthalene-d8	8.186	136	518623	20.000	ng		0.00
39) Acenaphthene-d10	9.939	164	275083	20.000	ng		0.00
64) Phenanthrene-d10	11.427	188	447181	20.000	ng		0.00
76) Chrysene-d12	14.068	240	265603	20.000	ng		0.00
86) Perylene-d12	15.557	264	306381	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	569985	70.874	ng		0.01
7) Phenol-d6	6.522	99	807010	81.587	ng		0.00
23) Nitrobenzene-d5	7.463	82	400666	47.116	ng		0.00
42) 2,4,6-Tribromophenol	10.727	330	247945	93.357	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	947431	49.110	ng		0.00
79) Terphenyl-d14	13.010	244	769053	42.856	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.746	88	136436	37.673	ng		99
3) Pyridine	3.499	79	360854	42.439	ng		97
4) n-Nitrosodimethylamine	3.451	42	197836	40.033	ng		97
6) Aniline	6.563	93	381647	39.337	ng		99
8) 2-Chlorophenol	6.687	128	383031	44.569	ng		97
9) Benzaldehyde	6.451	77	240611	41.562	ng		99
10) Phenol	6.540	94	473413	45.151	ng		98
11) bis(2-Chloroethyl)ether	6.634	93	344481	33.316	ng		98
12) 1,3-Dichlorobenzene	6.845	146	411895	41.893	ng		98
13) 1,4-Dichlorobenzene	6.922	146	414557	41.994	ng		99
14) 1,2-Dichlorobenzene	7.075	146	402024	42.427	ng		99
15) Benzyl Alcohol	7.040	79	304949	47.611	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	589098	38.153	ng		99
17) 2-Methylphenol	7.151	107	299914	43.105	ng		99
18) Hexachloroethane	7.416	117	144224	43.910	ng		99
19) n-Nitroso-di-n-propyla...	7.310	70	246907	40.355	ng		99
20) 3+4-Methylphenols	7.304	107	369929	42.601	ng	#	82
22) Acetophenone	7.310	105	487894	42.310	ng		99
24) Nitrobenzene	7.481	77	371972	46.404	ng		97
25) Isophorone	7.722	82	674365	41.878	ng		99
26) 2-Nitrophenol	7.798	139	200917	51.660	ng		99
27) 2,4-Dimethylphenol	7.834	122	355524	43.912	ng		99
28) bis(2-Chloroethoxy)met...	7.934	93	420387	40.599	ng		99
29) 2,4-Dichlorophenol	8.039	162	319814	46.463	ng		99
30) 1,2,4-Trichlorobenzene	8.128	180	335910	43.363	ng		99
31) Naphthalene	8.210	128	1087792	43.277	ng		99
32) Benzoic acid	7.934	122	215135	49.175	ng		99
33) 4-Chloroaniline	8.251	127	105510	10.287	ng		98
34) Hexachlorobutadiene	8.322	225	203670	44.401	ng		99
35) Caprolactam	8.616	113	102506	51.098	ng		97
36) 4-Chloro-3-methylphenol	8.733	107	322665	45.095	ng		99
37) 2-Methylnaphthalene	8.898	142	665741	42.625	ng		98
38) 1-Methylnaphthalene	8.998	142	691715	42.492	ng		99
40) 1,2,4,5-Tetrachloroben...	9.063	216	335611	43.683	ng		99
41) Hexachlorocyclopentadiene	9.051	237	427169	89.965	ng		100
43) 2,4,6-Trichlorophenol	9.175	196	238487	49.213	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	241004	46.740	ng		99
46) 1,1'-Biphenyl	9.363	154	908286	43.064	ng		99
47) 2-Chloronaphthalene	9.386	162	676168	43.108	ng		100
48) 2-Nitroaniline	9.481	65	208366	51.826	ng		93
49) Acenaphthylene	9.804	152	1142094	43.526	ng		100
50) Dimethylphthalate	9.657	163	788021	44.612	ng		100
51) 2,6-Dinitrotoluene	9.722	165	175826	53.178	ng		89
52) Acenaphthene	9.975	154	759039	48.109	ng		100
53) 3-Nitroaniline	9.886	138	91461	23.586	ng		95
54) 2,4-Dinitrophenol	9.992	184	184155	103.927	ng	#	4
55) Dibenzofuran	10.145	168	1000094	42.951	ng		100
56) 4-Nitrophenol	10.045	139	285607	97.862	ng		95
57) 2,4-Dinitrotoluene	10.122	165	236805	55.835	ng		95
58) Fluorene	10.486	166	768569	43.251	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	203047	47.702	ng		98
60) Diethylphthalate	10.357	149	760296	43.100	ng		100
61) 4-Chlorophenyl-phenyle...	10.480	204	369512	43.101	ng		99
62) 4-Nitroaniline	10.504	138	173027	56.299	ng		99
63) Azobenzene	10.639	77	762104	45.211	ng		97
65) 4,6-Dinitro-2-methylph...	10.528	198	115734	54.395	ng		97
66) n-Nitrosodiphenylamine	10.598	169	675610	45.402	ng		100
67) 4-Bromophenyl-phenylether	10.969	248	230116	45.405	ng		98
68) Hexachlorobenzene	11.033	284	253071	45.396	ng		99
69) Atrazine	11.122	200	192964	49.194	ng		99
70) Pentachlorophenol	11.227	266	276241	94.193	ng		98
71) Phenanthrene	11.451	178	1030186	43.950	ng		100
72) Anthracene	11.504	178	1032598	42.874	ng		100
73) Carbazole	11.657	167	870883	40.304	ng		99
74) Di-n-butylphthalate	11.986	149	993331	43.718	ng		99
75) Fluoranthene	12.639	202	912620	38.949	ng		99
77) Benzidine	12.757	184	361702	74.937	ng		98
78) Pyrene	12.869	202	899478	38.047	ng		99
80) Butylbenzylphthalate	13.486	149	312036	45.438	ng		98
81) Benzo(a)anthracene	14.057	228	774173	45.008	ng		100
82) 3,3'-Dichlorobenzidine	14.016	252	149949	37.487	ng		100
83) Chrysene	14.092	228	710454	44.368	ng		99
84) Bis(2-ethylhexyl)phtha...	14.045	149	403147	45.146	ng		100
85) Di-n-octyl phthalate	14.657	149	705396	44.272	ng		97
87) Indeno(1,2,3-cd)pyrene	17.062	276	645400	30.282	ng		99
88) Benzo(b)fluoranthene	15.121	252	825541	44.489	ng		98
89) Benzo(k)fluoranthene	15.151	252	760594	44.790	ng		100
90) Benzo(a)pyrene	15.492	252	766334	46.086	ng		100
91) Dibenzo(a,h)anthracene	17.080	278	516680	29.344	ng		99
92) Benzo(g,h,i)perylene	17.515	276	475436	27.206	ng		97

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

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