Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142743.D
Acq On : 11 Jun 2025 19:18
Operator : RC/JU
Sample : Q2273-05MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-6MSD

Quant Time: Jun 12 01:47:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	61691	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	226013	20.000	ng		0.00
39) Acenaphthene-d10	9.933	164	108490	20.000	ng		0.00
64) Phenanthrene-d10	11.422	188	169219	20.000	ng		0.00
76) Chrysene-d12	14.068	240	138402	20.000	ng		0.00
86) Perylene-d12	15.562	264	167312	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	294211	81.225	ng		0.01
7) Phenol-d6	6.522	99	334523	78.475	ng		0.00
23) Nitrobenzene-d5	7.451	82	205594	49.783	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	93109	78.306	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	430186	52.680	ng		0.00
79) Terphenyl-d14	13.004	244	397415	39.438	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.716	88	55434	38.671	ng		99
3) Pyridine	3.481	79	149363	41.556	ng		100
4) n-Nitrosodimethylamine	3.434	42	80363	43.699	ng		98
6) Aniline	6.551	93	160025	28.048	ng		95
8) 2-Chlorophenol	6.675	128	164318	41.511	ng		99
9) Benzaldehyde	6.440	77	79782	30.223	ng		99
10) Phenol	6.534	94	186956	39.457	ng		98
11) bis(2-Chloroethyl)ether	6.628	93	145784	41.192	ng		100
12) 1,3-Dichlorobenzene	6.834	146	188788	41.791	ng		98
13) 1,4-Dichlorobenzene	6.910	146	191763	42.004	ng		99
14) 1,2-Dichlorobenzene	7.063	146	181227	41.412	ng		99
15) Benzyl Alcohol	7.034	79	129466	40.183	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	223964	40.193	ng		98
17) 2-Methylphenol	7.145	107	121456	40.024	ng		100
18) Hexachloroethane	7.404	117	67428	41.213	ng		99
19) n-Nitroso-di-n-propyla...	7.298	70	103749	38.231	ng		97
20) 3+4-Methylphenols	7.298	107	151138	39.506	ng	#	89
22) Acetophenone	7.298	105	213908	42.548	ng		98
24) Nitrobenzene	7.475	77	157565	42.988	ng		99
25) Isophorone	7.710	82	277668	39.710	ng		100
26) 2-Nitrophenol	7.792	139	86161	42.121	ng		99
27) 2,4-Dimethylphenol	7.828	122	140102	40.228	ng		99
28) bis(2-Chloroethoxy)met...	7.922	93	172595	39.757	ng		100
29) 2,4-Dichlorophenol	8.034	162	128834	40.084	ng		98
30) 1,2,4-Trichlorobenzene	8.116	180	150085	42.259	ng		100
31) Naphthalene	8.198	128	465077	41.607	ng		99
32) Benzoic acid	7.934	122	73744	37.598	ng		97
33) 4-Chloroaniline	8.245	127	65635	14.625	ng		98
34) Hexachlorobutadiene	8.316	225	97077	42.893	ng		99
35) Caprolactam	8.610	113	35518	40.939	ng		98
36) 4-Chloro-3-methylphenol	8.728	107	124615	37.287	ng		100
37) 2-Methylnaphthalene	8.886	142	283487	40.069	ng		100
38) 1-Methylnaphthalene	8.986	142	292991	39.976	ng		100
40) 1,2,4,5-Tetrachloroben...	9.057	216	146544	46.670	ng		99
41) Hexachlorocyclopentadiene	9.039	237	168226	83.473	ng		98
43) 2,4,6-Trichlorophenol	9.169	196	89975	44.266	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	92591	42.176	ng	99
46) 1,1'-Biphenyl	9.351	154	384624	45.656	ng	99
47) 2-Chloronaphthalene	9.381	162	279300	45.001	ng	98
48) 2-Nitroaniline	9.475	65	75161	42.578	ng	99
49) Acenaphthylene	9.798	152	457580	43.725	ng	100
50) Dimethylphthalate	9.651	163	313042	43.209	ng	99
51) 2,6-Dinitrotoluene	9.716	165	66284	42.333	ng	96
52) Acenaphthene	9.969	154	300333	46.288	ng	99
53) 3-Nitroaniline	9.880	138	38752	22.818	ng	100
54) 2,4-Dinitrophenol	9.992	184	59886	69.821	ng	92
55) Dibenzofuran	10.139	168	393500	42.589	ng	99
56) 4-Nitrophenol	10.045	139	96284	83.591	ng	97
57) 2,4-Dinitrotoluene	10.122	165	88580	42.787	ng	99
58) Fluorene	10.480	166	307164	42.099	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.257	232	73406	39.744	ng	99
60) Diethylphthalate	10.351	149	309815	43.127	ng	100
61) 4-Chlorophenyl-phenyle...	10.475	204	151073	42.397	ng	98
62) 4-Nitroaniline	10.498	138	62053	40.841	ng	99
63) Azobenzene	10.633	77	289676	46.171	ng	95
65) 4,6-Dinitro-2-methylph...	10.528	198	42780	40.370	ng	98
66) n-Nitrosodiphenylamine	10.592	169	256863	44.160	ng	100
67) 4-Bromophenyl-phenylether	10.963	248	89696	44.905	ng	96
68) Hexachlorobenzene	11.033	284	98262	44.318	ng	98
69) Atrazine	11.116	200	81227	52.378	ng	100
70) Pentachlorophenol	11.227	266	102497	88.189	ng	99
71) Phenanthrene	11.445	178	406074	44.792	ng	99
72) Anthracene	11.498	178	415380	44.292	ng	100
73) Carbazole	11.651	167	365001	46.490	ng	99
74) Di-n-butylphthalate	11.980	149	471089	53.736	ng	100
75) Fluoranthene	12.639	202	418906	48.594	ng	99
77) Benzidine	12.757	184	156666	31.785	ng	99
78) Pyrene	12.869	202	428743	33.335	ng	100
80) Butylbenzylphthalate	13.480	149	189451	49.811	ng	100
81) Benzo(a)anthracene	14.057	228	400189	43.634	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	81487	27.553	ng	99
83) Chrysene	14.092	228	377789	44.616	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	274107	48.022	ng	99
85) Di-n-octyl phthalate	14.657	149	474102	43.294	ng	100
87) Indeno(1,2,3-cd)pyrene	17.080	276	478816	38.618	ng	100
88) Benzo(b)fluoranthene	15.121	252	445685	45.240	ng	100
89) Benzo(k)fluoranthene	15.157	252	400992	41.951	ng	99
90) Benzo(a)pyrene	15.498	252	417620	44.585	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	388195	38.344	ng	99
92) Benzo(g,h,i)perylene	17.539	276	370970	36.849	ng	100

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

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