Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063025\
Data File : BF142935.D
Acq On : 01 Jul 2025 01:15
Operator : RC/JU
Sample : Q2452-05MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP-2MS

Quant Time: Jul 01 03:03:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	63178	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	230245	20.000	ng		-0.01
39) Acenaphthene-d10	9.916	164	116921	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	176179	20.000	ng		0.00
76) Chrysene-d12	14.051	240	126793	20.000	ng		0.00
86) Perylene-d12	15.539	264	142031	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	315793	83.221	ng		0.00
7) Phenol-d6	6.504	99	374542	83.660	ng		0.00
23) Nitrobenzene-d5	7.439	82	226865	54.046	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	101830	84.633	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	492140	55.295	ng		-0.01
79) Terphenyl-d14	12.986	244	372374	40.579	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.681	88	57017	37.566	ng		98
3) Pyridine	3.446	79	149633	39.325	ng		98
4) n-Nitrosodimethylamine	3.398	42	84158	42.771	ng		97
6) Aniline	6.534	93	191724	32.185	ng	#	84
8) 2-Chlorophenol	6.657	128	176844	43.203	ng		99
9) Benzaldehyde	6.422	77	74643	28.103	ng		99
10) Phenol	6.522	94	205818	41.358	ng		92
11) bis(2-Chloroethyl)ether	6.610	93	153022	43.023	ng		97
12) 1,3-Dichlorobenzene	6.816	146	198454	43.350	ng		99
13) 1,4-Dichlorobenzene	6.892	146	198776	43.037	ng		99
14) 1,2-Dichlorobenzene	7.045	146	190279	43.434	ng		99
15) Benzyl Alcohol	7.016	79	140942	43.547	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	228579	40.000	ng		89
17) 2-Methylphenol	7.128	107	133358	42.991	ng		99
18) Hexachloroethane	7.386	117	72597	44.937	ng		95
19) n-Nitroso-di-n-propyla...	7.286	70	114136	43.834	ng		97
20) 3+4-Methylphenols	7.281	107	167958	43.426	ng		94
22) Acetophenone	7.281	105	230654	45.428	ng		98
24) Nitrobenzene	7.457	77	166097	43.718	ng		97
25) Isophorone	7.698	82	297592	44.194	ng		99
26) 2-Nitrophenol	7.775	139	95098	45.949	ng		99
27) 2,4-Dimethylphenol	7.810	122	157273	43.870	ng		99
28) bis(2-Chloroethoxy)met...	7.904	93	188416	44.012	ng		99
29) 2,4-Dichlorophenol	8.016	162	144744	44.529	ng		100
30) 1,2,4-Trichlorobenzene	8.098	180	157688	44.117	ng		99
31) Naphthalene	8.180	128	497156	44.113	ng		100
32) Benzoic acid	7.928	122	76893	42.082	ng		97
33) 4-Chloroaniline	8.228	127	74614	16.282	ng		98
34) Hexachlorobutadiene	8.292	225	98502	45.053	ng		99
35) Caprolactam	8.598	113	42702	49.784	ng		97
36) 4-Chloro-3-methylphenol	8.716	107	146994	45.502	ng		97
37) 2-Methylnaphthalene	8.869	142	304058	43.517	ng		100
38) 1-Methylnaphthalene	8.969	142	317006	43.828	ng		99
40) 1,2,4,5-Tetrachloroben...	9.039	216	155353	45.031	ng		100
41) Hexachlorocyclopentadiene	9.022	237	141689	72.372	ng		99
43) 2,4,6-Trichlorophenol	9.151	196	100777	44.828	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	102805	43.442	ng	98
46) 1,1'-Biphenyl	9.333	154	415820	45.021	ng	99
47) 2-Chloronaphthalene	9.363	162	306496	44.221	ng	100
48) 2-Nitroaniline	9.457	65	88619	45.606	ng	97
49) Acenaphthylene	9.780	152	498407	43.682	ng	100
50) Dimethylphthalate	9.633	163	361552	47.772	ng	100
51) 2,6-Dinitrotoluene	9.698	165	77905	46.872	ng	99
52) Acenaphthene	9.951	154	321053	46.118	ng	100
53) 3-Nitroaniline	9.869	138	52447	28.660	ng	99
54) 2,4-Dinitrophenol	9.980	184	58851	70.714	ng	98
55) Dibenzofuran	10.122	168	436448	43.721	ng	100
56) 4-Nitrophenol	10.033	139	104628	83.516	ng	97
57) 2,4-Dinitrotoluene	10.104	165	102177	46.281	ng	98
58) Fluorene	10.469	166	338944	43.475	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	82007	42.991	ng	97
60) Diethylphthalate	10.333	149	355813	47.949	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	167480	45.018	ng	99
62) 4-Nitroaniline	10.486	138	71388	42.655	ng	97
63) Azobenzene	10.616	77	300734	45.344	ng	97
65) 4,6-Dinitro-2-methylph...	10.516	198	46222	43.375	ng	100
66) n-Nitrosodiphenylamine	10.574	169	296769	48.603	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	97926	48.839	ng	96
68) Hexachlorobenzene	11.016	284	100866	45.272	ng	99
69) Atrazine	11.104	200	88945	56.411	ng	99
70) Pentachlorophenol	11.210	266	95988	86.460	ng	98
71) Phenanthrene	11.427	178	426472	44.687	ng	99
72) Anthracene	11.480	178	435798	44.524	ng	100
73) Carbazole	11.639	167	376702	44.598	ng	99
74) Di-n-butylphthalate	11.963	149	498145	56.613	ng	100
75) Fluoranthene	12.621	202	401345	44.311	ng	99
77) Benzidine	12.739	184	149109	31.301	ng	99
78) Pyrene	12.851	202	406039	34.165	ng	99
80) Butylbenzylphthalate	13.463	149	174588	50.642	ng	97
81) Benzo(a)anthracene	14.039	228	402130	47.013	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	62203	22.420	ng	100
83) Chrysene	14.080	228	338800	44.389	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	248540	50.107	ng	99
85) Di-n-octyl phthalate	14.639	149	442150	47.274	ng	99
87) Indeno(1,2,3-cd)pyrene	17.051	276	329787	30.484	ng	98
88) Benzo(b)fluoranthene	15.104	252	432573	52.634	ng	100
89) Benzo(k)fluoranthene	15.133	252	355159	46.190	ng	99
90) Benzo(a)pyrene	15.480	252	373853	47.087	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	270188	30.738	ng	98
92) Benzo(g,h,i)perylene	17.503	276	240766	27.468	ng	99

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

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