Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080625\
Data File : BF143328.D
Acq On : 06 Aug 2025 14:18
Operator : RC/JU
Sample : Q2763-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

Quant Time: Aug 06 15:44:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	77296	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	265156	20.000	ng		0.00
39) Acenaphthene-d10	9.998	164	133341	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	242507	20.000	ng		0.00
76) Chrysene-d12	14.133	240	226614	20.000	ng		0.01
86) Perylene-d12	15.645	264	163037	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.604	112	348054	71.256	ng		0.02
7) Phenol-d6	6.592	99	394413	64.152	ng		0.00
23) Nitrobenzene-d5	7.516	82	266969	50.188	ng		0.00
42) 2,4,6-Tribromophenol	10.792	330	105939	76.907	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	435389	44.656	ng		0.00
79) Terphenyl-d14	13.068	244	533354	35.024	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.869	88	106039	45.880	ng		100
3) Pyridine	3.640	79	268666	44.786	ng		98
4) n-Nitrosodimethylamine	3.569	42	142921	46.144	ng		100
6) Aniline	6.622	93	145533	16.985	ng	#	80
8) 2-Chlorophenol	6.751	128	208221	40.668	ng		98
9) Benzaldehyde	6.510	77	137470	29.819	ng		97
10) Phenol	6.610	94	242132	36.151	ng		95
11) bis(2-Chloroethyl)ether	6.692	93	220607	43.018	ng		97
12) 1,3-Dichlorobenzene	6.904	146	233205	41.929	ng		99
13) 1,4-Dichlorobenzene	6.981	146	230444	41.142	ng		99
14) 1,2-Dichlorobenzene	7.134	146	224697	42.178	ng		99
15) Benzyl Alcohol	7.098	79	186605	39.751	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	358994	37.737	ng		96
17) 2-Methylphenol	7.216	107	159880	37.138	ng		97
18) Hexachloroethane	7.475	117	79874	41.192	ng		97
19) n-Nitroso-di-n-propyla...	7.363	70	141535	35.882	ng		98
20) 3+4-Methylphenols	7.363	107	188715	36.131	ng	#	64
22) Acetophenone	7.363	105	266692	42.483	ng		96
24) Nitrobenzene	7.539	77	230589	46.496	ng		100
25) Isophorone	7.775	82	385287	41.030	ng		100
26) 2-Nitrophenol	7.857	139	116171	53.974	ng		98
27) 2,4-Dimethylphenol	7.892	122	190473	43.415	ng		98
28) bis(2-Chloroethoxy)met...	7.981	93	244672	43.457	ng		100
29) 2,4-Dichlorophenol	8.104	162	150507	40.678	ng		99
30) 1,2,4-Trichlorobenzene	8.186	180	162135	40.562	ng		100
31) Naphthalene	8.263	128	546871	41.878	ng		100
32) Benzoic acid	7.998	122	106908	43.770	ng		99
33) 4-Chloroaniline	8.310	127	84487	15.845	ng		99
34) Hexachlorobutadiene	8.386	225	104688	42.873	ng		99
35) Caprolactam	8.669	113	51942	46.457	ng		100
36) 4-Chloro-3-methylphenol	8.792	107	157927	39.271	ng		99
37) 2-Methylnaphthalene	8.957	142	312282	39.299	ng		100
38) 1-Methylnaphthalene	9.057	142	317697	38.825	ng		99
40) 1,2,4,5-Tetrachloroben...	9.122	216	152711	39.668	ng		99
41) Hexachlorocyclopentadiene	9.110	237	56066	22.383	ng		98
43) 2,4,6-Trichlorophenol	9.233	196	101413	38.063	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	113452	42.569	ng		97
46) 1,1'-Biphenyl	9.416	154	421024	40.471	ng		100
47) 2-Chloronaphthalene	9.445	162	294496	38.258	ng		99
48) 2-Nitroaniline	9.533	65	115022	47.649	ng		100
49) Acenaphthylene	9.863	152	580881	45.029	ng		99
50) Dimethylphthalate	9.716	163	363196	41.787	ng		99
51) 2,6-Dinitrotoluene	9.775	165	87545	49.513	ng		98
52) Acenaphthene	10.033	154	333951	43.800	ng		98
53) 3-Nitroaniline	9.945	138	76338	36.912	ng		95
54) 2,4-Dinitrophenol	10.051	184	31930	43.190	ng	#	1
55) Dibenzofuran	10.204	168	458644	40.516	ng		100
56) 4-Nitrophenol	10.110	139	140313	90.856	ng		98
57) 2,4-Dinitrotoluene	10.180	165	114104	51.438	ng		92
58) Fluorene	10.551	166	391425	46.072	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.327	232	92027	41.685	ng	#	97
60) Diethylphthalate	10.416	149	373370	43.462	ng		99
61) 4-Chlorophenyl-phenyle...	10.539	204	187900	44.416	ng		99
62) 4-Nitroaniline	10.557	138	79822	45.034	ng		98
63) Azobenzene	10.698	77	412403	46.061	ng		96
65) 4,6-Dinitro-2-methylph...	10.592	198	26024	23.575	ng		97
66) n-Nitrosodiphenylamine	10.651	169	330768	38.734	ng		99
67) 4-Bromophenyl-phenylether	11.027	248	103746	35.898	ng		99
68) Hexachlorobenzene	11.104	284	115935	38.380	ng		98
69) Atrazine	11.180	200	95484	40.558	ng		100
70) Pentachlorophenol	11.298	266	139449	78.500	ng		99
71) Phenanthrene	11.516	178	665661	51.696	ng		99
72) Anthracene	11.569	178	577439	43.970	ng		99
73) Carbazole	11.716	167	588690	51.337	ng		100
74) Di-n-butylphthalate	12.045	149	620508	47.823	ng		100
75) Fluoranthene	12.704	202	837113	70.829	ng		99
77) Benzidine	12.816	184	150932	17.287	ng		99
78) Pyrene	12.933	202	820589	42.429	ng		98
80) Butylbenzylphthalate	13.545	149	308896	52.158	ng		97
81) Benzo(a)anthracene	14.127	228	837438	55.197	ng		98
82) 3,3'-Dichlorobenzidine	14.080	252	164761	32.583	ng		99
83) Chrysene	14.163	228	697253	51.115	ng		99
84) Bis(2-ethylhexyl)phtha...	14.104	149	600300	66.969	ng		99
85) Di-n-octyl phthalate	14.715	149	640779	39.437	ng		98
87) Indeno(1,2,3-cd)pyrene	17.198	276	432800	37.647	ng		98
88) Benzo(b)fluoranthene	15.198	252	682609	68.534	ng		98
89) Benzo(k)fluoranthene	15.227	252	480156	54.024	ng		99
90) Benzo(a)pyrene	15.580	252	499008	54.378	ng		99
91) Dibenzo(a,h)anthracene	17.209	278	310806	33.216	ng		99
92) Benzo(g,h,i)perylene	17.662	276	353039	39.003	ng		100

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

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