Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070825\
Data File : BF143033.D
Acq On : 08 Jul 2025 15:03
Operator : RC/JU
Sample : Q2514-08MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-78MSD

Quant Time: Jul 08 15:23:16 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	51205	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	192135	20.000	ng		-0.01
39) Acenaphthene-d10	9.916	164	95468	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	140156	20.000	ng		0.00
76) Chrysene-d12	14.057	240	99167	20.000	ng		0.00
86) Perylene-d12	15.551	264	122553	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	220678	71.753	ng		0.00
7) Phenol-d6	6.510	99	256713	70.749	ng		0.00
23) Nitrobenzene-d5	7.440	82	160751	45.891	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	63074	64.202	ng		0.00
45) 2-Fluorobiphenyl	9.234	172	332194	45.711	ng		-0.01
79) Terphenyl-d14	12.992	244	244393	34.051	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.652	88	41425	33.675	ng		99
3) Pyridine	3.428	79	110840	35.941	ng		98
4) n-Nitrosodimethylamine	3.375	42	63480	39.806	ng		98
6) Aniline	6.534	93	173037	35.840	ng	#	83
8) 2-Chlorophenol	6.663	128	143342	43.206	ng		97
9) Benzaldehyde	6.422	77	95696	44.454	ng		99
10) Phenol	6.522	94	170076	42.167	ng		91
11) bis(2-Chloroethyl)ether	6.604	93	123783	42.940	ng		98
12) 1,3-Dichlorobenzene	6.816	146	156185	42.094	ng		99
13) 1,4-Dichlorobenzene	6.892	146	159155	42.516	ng		98
14) 1,2-Dichlorobenzene	7.045	146	152342	42.906	ng		99
15) Benzyl Alcohol	7.016	79	112578	42.917	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	184664	39.872	ng		84
17) 2-Methylphenol	7.128	107	107053	42.580	ng		99
18) Hexachloroethane	7.387	117	56111	42.854	ng		95
19) n-Nitroso-di-n-propyla...	7.281	70	89720	42.514	ng		99
20) 3+4-Methylphenols	7.287	107	134533	42.918	ng		94
22) Acetophenone	7.281	105	189191	44.653	ng		99
24) Nitrobenzene	7.457	77	135358	42.694	ng		98
25) Isophorone	7.698	82	236004	42.000	ng		99
26) 2-Nitrophenol	7.775	139	77296	44.756	ng		98
27) 2,4-Dimethylphenol	7.810	122	127624m	42.661	ng		
28) bis(2-Chloroethoxy)met...	7.904	93	153437	42.951	ng		99
29) 2,4-Dichlorophenol	8.022	162	115869	42.716	ng		99
30) 1,2,4-Trichlorobenzene	8.098	180	127107	42.614	ng		100
31) Naphthalene	8.181	128	404703	43.032	ng		99
32) Benzoic acid	7.922	122	8865	5.814	ng		98
33) 4-Chloroaniline	8.228	127	123350	32.256	ng		98
34) Hexachlorobutadiene	8.292	225	80457	44.099	ng		99
35) Caprolactam	8.592	113	24702	34.511	ng		97
36) 4-Chloro-3-methylphenol	8.716	107	111296	41.285	ng		99
37) 2-Methylnaphthalene	8.875	142	253287	43.441	ng		100
38) 1-Methylnaphthalene	8.969	142	259322	42.965	ng		99
40) 1,2,4,5-Tetrachloroben...	9.039	216	128069	45.464	ng		100
41) Hexachlorocyclopentadiene	9.022	237	115000	71.940	ng		98
43) 2,4,6-Trichlorophenol	9.157	196	73987	40.307	ng		99

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44) 2,4,5-Trichlorophenol	9.198	196	79145	40.959	ng	98
46) 1,1'-Biphenyl	9.334	154	339559	45.026	ng	100
47) 2-Chloronaphthalene	9.363	162	252079	44.542	ng	99
48) 2-Nitroaniline	9.463	65	70330	44.327	ng	96
49) Acenaphthylene	9.781	152	410555	44.068	ng	99
50) Dimethylphthalate	9.633	163	271727	43.971	ng	100
51) 2,6-Dinitrotoluene	9.704	165	61211	45.104	ng	93
52) Acenaphthene	9.951	154	247761m	43.588	ng	
53) 3-Nitroaniline	9.875	138	51209	34.272	ng	97
54) 2,4-Dinitrophenol	9.986	184	26920	39.615	ng	98
55) Dibenzofuran	10.122	168	351286	43.098	ng	99
56) 4-Nitrophenol	10.045	139	61338	59.963	ng	97
57) 2,4-Dinitrotoluene	10.110	165	76627	42.508	ng	95
58) Fluorene	10.469	166	277382	43.574	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	54216	34.809	ng	96
60) Diethylphthalate	10.333	149	266892	44.048	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	132289	43.550	ng	99
62) 4-Nitroaniline	10.486	138	55501	40.614	ng	97
63) Azobenzene	10.616	77	243790	45.018	ng	96
65) 4,6-Dinitro-2-methylph...	10.522	198	28162	33.219	ng	99
66) n-Nitrosodiphenylamine	10.575	169	229029	47.150	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	76388	47.889	ng	96
68) Hexachlorobenzene	11.016	284	84907	47.904	ng	98
69) Atrazine	11.104	200	59237	47.225	ng	99
70) Pentachlorophenol	11.216	266	44220	50.068	ng	97
71) Phenanthrene	11.433	178	341483	44.978	ng	100
72) Anthracene	11.486	178	348053	44.699	ng	100
73) Carbazole	11.639	167	287745	42.823	ng	100
74) Di-n-butylphthalate	11.963	149	337638	48.234	ng	100
75) Fluoranthene	12.622	202	304602	42.274	ng	100
77) Benzidine	12.745	184	205738	55.220	ng	99
78) Pyrene	12.851	202	306793	33.005	ng	100
80) Butylbenzylphthalate	13.463	149	124253	46.082	ng	97
81) Benzo(a)anthracene	14.045	228	297642	44.491	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	78228	36.051	ng	98
83) Chrysene	14.080	228	277545	46.494	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	180518	46.532	ng	100
85) Di-n-octyl phthalate	14.639	149	342049	46.759	ng	98
87) Indeno(1,2,3-cd)pyrene	17.080	276	336716	36.071	ng	98
88) Benzo(b)fluoranthene	15.115	252	341411	48.144	ng	100
89) Benzo(k)fluoranthene	15.145	252	308416	46.486	ng	99
90) Benzo(a)pyrene	15.492	252	320836	46.832	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	271177	35.753	ng	99
92) Benzo(g,h,i)perylene	17.533	276	253133	33.469	ng	98

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

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