Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143014.D
Acq On : 07 Jul 2025 17:50
Operator : RC/JU
Sample : Q2478-04MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Quant Time: Jul 07 18:15:25 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	66005	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	248256	20.000	ng		-0.01
39) Acenaphthene-d10	9.916	164	125034	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	185988	20.000	ng		0.00
76) Chrysene-d12	14.057	240	133052	20.000	ng		0.00
86) Perylene-d12	15.545	264	132424	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	439824	110.942	ng		0.02
7) Phenol-d6	6.516	99	490948	104.965	ng		0.00
23) Nitrobenzene-d5	7.440	82	347943	76.876	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	154205	119.847	ng		0.00
45) 2-Fluorobiphenyl	9.234	172	752059	79.015	ng		-0.01
79) Terphenyl-d14	12.992	244	639112	66.370	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.810	88	50019	31.544	ng	#	82
3) Pyridine	3.540	79	135993	34.210	ng		98
4) n-Nitrosodimethylamine	3.475	42	77515	37.708	ng		99
6) Aniline	6.540	93	88030	14.145	ng	#	52
8) 2-Chlorophenol	6.663	128	170145	39.786	ng		99
9) Benzaldehyde	6.428	77	67697	24.396	ng		99
10) Phenol	6.528	94	177804	34.199	ng		93
11) bis(2-Chloroethyl)ether	6.610	93	148669	40.009	ng		97
12) 1,3-Dichlorobenzene	6.816	146	183643	38.397	ng		99
13) 1,4-Dichlorobenzene	6.893	146	183601	38.049	ng		99
14) 1,2-Dichlorobenzene	7.045	146	174390	38.102	ng		98
15) Benzyl Alcohol	7.022	79	141861	41.954	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.145	45	224438	37.594	ng		68
17) 2-Methylphenol	7.134	107	129474	39.951	ng		97
18) Hexachloroethane	7.387	117	63363	37.542	ng		94
19) n-Nitroso-di-n-propyla...	7.287	70	115731	42.543	ng		98
20) 3+4-Methylphenols	7.287	107	166728	41.262	ng	#	88
22) Acetophenone	7.287	105	234427	42.822	ng		99
24) Nitrobenzene	7.463	77	167596	40.912	ng		96
25) Isophorone	7.698	82	307394	42.338	ng		100
26) 2-Nitrophenol	7.775	139	94974	42.560	ng		100
27) 2,4-Dimethylphenol	7.816	122	153596	39.736	ng		99
28) bis(2-Chloroethoxy)met...	7.904	93	199380	43.195	ng		99
29) 2,4-Dichlorophenol	8.022	162	147859	42.187	ng		99
30) 1,2,4-Trichlorobenzene	8.098	180	155672	40.393	ng		100
31) Naphthalene	8.181	128	497068	40.905	ng		99
32) Benzoic acid	7.928	122	49604	25.178	ng		97
33) 4-Chloroaniline	8.234	127	42602	8.622	ng		97
34) Hexachlorobutadiene	8.292	225	97646	41.421	ng		100
35) Caprolactam	8.604	113	38990	42.158	ng		99
36) 4-Chloro-3-methylphenol	8.722	107	145313	41.718	ng		98
37) 2-Methylnaphthalene	8.875	142	314708	41.774	ng		99
38) 1-Methylnaphthalene	8.975	142	323591	41.493	ng		99
40) 1,2,4,5-Tetrachloroben...	9.039	216	162957	44.170	ng		99
41) Hexachlorocyclopentadiene	9.022	237	67727	32.349	ng		100
43) 2,4,6-Trichlorophenol	9.157	196	102875	42.792	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	106934	42.255	ng	99
46) 1,1'-Biphenyl	9.339	154	433517	43.892	ng	100
47) 2-Chloronaphthalene	9.363	162	315058	42.507	ng	100
48) 2-Nitroaniline	9.463	65	91725	44.141	ng	95
49) Acenaphthylene	9.781	152	524028	42.947	ng	100
50) Dimethylphthalate	9.639	163	385105	47.582	ng	100
51) 2,6-Dinitrotoluene	9.704	165	80732	45.421	ng	98
52) Acenaphthene	9.951	154	328841m	44.172	ng	
53) 3-Nitroaniline	9.875	138	38740	19.796	ng	98
54) 2,4-Dinitrophenol	9.986	184	47320	53.170	ng	99
55) Dibenzofuran	10.122	168	451375	42.282	ng	100
56) 4-Nitrophenol	10.045	139	85879	64.102	ng	99
57) 2,4-Dinitrotoluene	10.110	165	103549	43.859	ng	93
58) Fluorene	10.469	166	355154	42.598	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	86221	42.267	ng	94
60) Diethylphthalate	10.333	149	382127	48.154	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	172481	43.354	ng	99
62) 4-Nitroaniline	10.486	138	69742	38.967	ng	99
63) Azobenzene	10.616	77	301114	42.455	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	36217	32.193	ng	98
66) n-Nitrosodiphenylamine	10.575	169	309585	48.028	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	102968	48.645	ng	95
68) Hexachlorobenzene	11.016	284	108050	45.939	ng	99
69) Atrazine	11.104	200	95502	57.375	ng	100
70) Pentachlorophenol	11.216	266	90582	77.287	ng	99
71) Phenanthrene	11.433	178	446270	44.295	ng	100
72) Anthracene	11.486	178	458998	44.422	ng	100
73) Carbazole	11.639	167	408403	45.802	ng	99
74) Di-n-butylphthalate	11.963	149	537229	57.835	ng	100
75) Fluoranthene	12.622	202	431030	45.079	ng	100
77) Benzidine	12.745	184	94678	18.940	ng	98
78) Pyrene	12.851	202	432870	34.709	ng	100
80) Butylbenzylphthalate	13.463	149	187586	51.853	ng	99
81) Benzo(a)anthracene	14.045	228	398475	44.394	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	72213	24.804	ng	97
83) Chrysene	14.080	228	360135	44.965	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	268950	51.672	ng	100
85) Di-n-octyl phthalate	14.639	149	453357	46.192	ng	98
87) Indeno(1,2,3-cd)pyrene	17.068	276	310021	30.736	ng	98
88) Benzo(b)fluoranthene	15.110	252	413841	54.008	ng	100
89) Benzo(k)fluoranthene	15.139	252	324007	45.196	ng	100
90) Benzo(a)pyrene	15.486	252	341043	46.070	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	258728	31.569	ng	98
92) Benzo(g,h,i)perylene	17.527	276	232785	28.485	ng	97

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

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