Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102025\
Data File : BF144001.D
Acq On : 20 Oct 2025 16:27
Operator : RC/JU
Sample : Q3381-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 20 17:06:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
VNJ-245MSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	100371	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	371973	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	192676	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	292615	20.000	ng		0.00
76) Chrysene-d12	14.063	240	212179	20.000	ng		0.00
86) Perylene-d12	15.545	264	285074	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	424824	67.212	ng		0.00
7) Phenol-d6	6.504	99	517974	68.752	ng		-0.01
23) Nitrobenzene-d5	7.439	82	284005	46.387	ng		-0.02
42) 2,4,6-Tribromophenol	10.716	330	107308	55.916	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	390476	32.157	ng		-0.01
79) Terphenyl-d14	12.998	244	408851	32.932	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.699	88	132978	45.465	ng		95
3) Pyridine	3.457	79	362899	42.620	ng		99
4) n-Nitrosodimethylamine	3.410	42	204444	45.643	ng		91
6) Aniline	6.545	93	347828	30.810	ng		100
8) 2-Chlorophenol	6.663	128	280357	45.377	ng		100
9) Benzaldehyde	6.434	77	156420	26.915	ng		99
10) Phenol	6.522	94	424504	47.130	ng		97
11) bis(2-Chloroethyl)ether	6.616	93	315460	45.340	ng		99
12) 1,3-Dichlorobenzene	6.822	146	334706	45.257	ng		100
13) 1,4-Dichlorobenzene	6.898	146	341886	46.864	ng		99
14) 1,2-Dichlorobenzene	7.051	146	325929	46.644	ng		99
15) Benzyl Alcohol	7.022	79	266849	47.273	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	726312	45.861	ng		99
17) 2-Methylphenol	7.128	107	230786	45.198	ng		99
18) Hexachloroethane	7.392	117	110583	45.453	ng		98
19) n-Nitroso-di-n-propyla...	7.292	70	216667	42.014	ng		98
20) 3+4-Methylphenols	7.281	107	267791	45.251	ng	#	84
22) Acetophenone	7.287	105	397242	50.507	ng		97
24) Nitrobenzene	7.463	77	330200	48.565	ng		97
25) Isophorone	7.698	82	581778	45.065	ng		100
26) 2-Nitrophenol	7.781	139	156521	53.695	ng		96
27) 2,4-Dimethylphenol	7.810	122	262595	50.078	ng		99
28) bis(2-Chloroethoxy)met...	7.910	93	370290	45.407	ng		99
29) 2,4-Dichlorophenol	8.022	162	248700	45.533	ng		98
30) 1,2,4-Trichlorobenzene	8.104	180	257772	47.986	ng		98
31) Naphthalene	8.186	128	770212	45.519	ng		100
32) Benzoic acid	7.928	122	153108	42.190	ng		97
33) 4-Chloroaniline	8.234	127	123347	19.437	ng		98
34) Hexachlorobutadiene	8.304	225	171103	45.837	ng		99
35) Caprolactam	8.598	113	78209	45.033	ng		98
36) 4-Chloro-3-methylphenol	8.716	107	234233	44.644	ng		98
37) 2-Methylnaphthalene	8.875	142	462308	41.016	ng		99
38) 1-Methylnaphthalene	8.975	142	470408	43.027	ng		98
40) 1,2,4,5-Tetrachloroben...	9.045	216	270457	50.787	ng		97
41) Hexachlorocyclopentadiene	9.028	237	217287	98.353	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	177052	45.503	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	190334	46.289	ng		99
46) 1,1'-Biphenyl	9.339	154	651603	51.079	ng		98
47) 2-Chloronaphthalene	9.369	162	499056	46.921	ng		97
48) 2-Nitroaniline	9.463	65	169406	50.378	ng		96
49) Acenaphthylene	9.786	152	769139	51.437	ng		100
50) Dimethylphthalate	9.639	163	560326	45.794	ng		100
51) 2,6-Dinitrotoluene	9.704	165	121807	53.686	ng		95
52) Acenaphthene	9.957	154	460729	47.023	ng		99
53) 3-Nitroaniline	9.875	138	81500	29.336	ng		98
54) 2,4-Dinitrophenol	9.980	184	80393	59.400	ng	#	90
55) Dibenzofuran	10.128	168	631465	45.656	ng		99
56) 4-Nitrophenol	10.033	139	170624	81.114	ng		100
57) 2,4-Dinitrotoluene	10.110	165	162114	52.513	ng		96
58) Fluorene	10.475	166	473608	45.380	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	133421m	45.838	ng		
60) Diethylphthalate	10.339	149	495909	43.627	ng		100
61) 4-Chlorophenyl-phenyle...	10.463	204	240577	43.601	ng		98
62) 4-Nitroaniline	10.486	138	113819	42.604	ng		97
63) Azobenzene	10.622	77	563873	47.463	ng		98
65) 4,6-Dinitro-2-methylph...	10.516	198	67967	46.221	ng		100
66) n-Nitrosodiphenylamine	10.580	169	472341	51.409	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	153366	47.425	ng		99
68) Hexachlorobenzene	11.022	284	180006	48.080	ng		99
69) Atrazine	11.110	200	139405	50.060	ng		99
70) Pentachlorophenol	11.216	266	168895	78.548	ng		99
71) Phenanthrene	11.439	178	755154	53.232	ng		99
72) Anthracene	11.492	178	725510	50.624	ng		100
73) Carbazole	11.645	167	609788	48.042	ng		99
74) Di-n-butylphthalate	11.974	149	686989	46.700	ng		99
75) Fluoranthene	12.627	202	806849	55.063	ng		99
77) Benzidine	12.751	184	256163	34.770	ng		98
78) Pyrene	12.857	202	808534	45.708	ng		99
80) Butylbenzylphthalate	13.474	149	261316	45.487	ng		99
81) Benzo(a)anthracene	14.051	228	772965	55.669	ng		99
82) 3,3'-Dichlorobenzidine	14.015	252	139179	32.891	ng		95
83) Chrysene	14.092	228	756901	58.898	ng		100
84) Bis(2-ethylhexyl)phtha...	14.033	149	348219	50.284	ng		98
85) Di-n-octyl phthalate	14.651	149	651511	57.280	ng		98
87) Indeno(1,2,3-cd)pyrene	17.056	276	912509	52.240	ng		99
88) Benzo(b)fluoranthene	15.115	252	922382	56.327	ng		99
89) Benzo(k)fluoranthene	15.145	252	765145	50.496	ng		99
90) Benzo(a)pyrene	15.486	252	802881	56.544	ng		99
91) Dibenzo(a,h)anthracene	17.074	278	711497	50.645	ng		100
92) Benzo(g,h,i)perylene	17.509	276	729280	51.911	ng		98

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

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