Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143571.D
Acq On : 22 Aug 2025 14:27
Operator : RC/JU
Sample : Q2903-06MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

Quant Time: Aug 22 14:55:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 21 06:12:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.922	152	106227	20.000	ng		0.00
21) Naphthalene-d8	8.210	136	426928	20.000	ng		0.00
39) Acenaphthene-d10	9.969	164	255816	20.000	ng		0.00
64) Phenanthrene-d10	11.457	188	407531	20.000	ng		0.00
76) Chrysene-d12	14.098	240	240925	20.000	ng		0.00
86) Perylene-d12	15.598	264	232913	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.563	112	409613	67.332	ng		0.00
7) Phenol-d6	6.563	99	339953	45.269	ng		-0.01
23) Nitrobenzene-d5	7.487	82	699922	95.669	ng		-0.01
42) 2,4,6-Tribromophenol	10.763	330	343754	144.357	ng		0.00
45) 2-Fluorobiphenyl	9.287	172	1328893	85.852	ng		0.00
79) Terphenyl-d14	13.039	244	1326574	96.085	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.787	88	52426	18.603	ng		98
3) Pyridine	3.563	79	126006	16.787	ng		98
4) n-Nitrosodimethylamine	3.493	42	77195	22.878	ng		93
6) Aniline	6.587	93	267619	26.661	ng		99
8) 2-Chlorophenol	6.716	128	234030	34.830	ng		99
9) Benzaldehyde	6.475	77	144193	23.716	ng		95
10) Phenol	6.575	94	144428	16.694	ng		89
11) bis(2-Chloroethyl)ether	6.657	93	257197	39.784	ng		99
12) 1,3-Dichlorobenzene	6.869	146	155361	20.579	ng		99
13) 1,4-Dichlorobenzene	6.940	146	161635	21.343	ng		99
14) 1,2-Dichlorobenzene	7.093	146	166465	23.216	ng		99
15) Benzyl Alcohol	7.069	79	209253	37.217	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	374192	36.179	ng		93
17) 2-Methylphenol	7.187	107	179705	33.323	ng		95
18) Hexachloroethane	7.440	117	48682	18.907	ng		95
19) n-Nitroso-di-n-propyla...	7.340	70	226744	49.399	ng		100
20) 3+4-Methylphenols	7.334	107	205160	31.868	ng	#	74
22) Acetophenone	7.334	105	405430	43.956	ng		97
24) Nitrobenzene	7.510	77	311412	41.357	ng		100
25) Isophorone	7.745	82	644110	48.028	ng		99
26) 2-Nitrophenol	7.822	139	164011	44.466	ng		93
27) 2,4-Dimethylphenol	7.863	122	238116	41.413	ng		95
28) bis(2-Chloroethoxy)met...	7.951	93	368386	44.697	ng		100
29) 2,4-Dichlorophenol	8.069	162	260922	42.490	ng		98
30) 1,2,4-Trichlorobenzene	8.151	180	191267	30.294	ng		99
31) Naphthalene	8.228	128	677768	33.067	ng		100
32) Benzoic acid	7.969	122	51700	19.534	ng		95
33) 4-Chloroaniline	8.275	127	171529	23.578	ng		98
34) Hexachlorobutadiene	8.345	225	101181	24.564	ng		99
35) Caprolactam	8.657	113	18173m	12.333	ng		
36) 4-Chloro-3-methylphenol	8.763	107	288896	46.944	ng		96
37) 2-Methylnaphthalene	8.922	142	498923	36.446	ng		100
38) 1-Methylnaphthalene	9.022	142	530441	40.508	ng		99
40) 1,2,4,5-Tetrachloroben...	9.092	216	276537	37.792	ng		98
41) Hexachlorocyclopentadiene	9.081	237	214304	75.748	ng		100
43) 2,4,6-Trichlorophenol	9.204	196	206459	45.854	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	219346	44.599	ng	98
46) 1,1'-Biphenyl	9.387	154	760176	41.866	ng	99
47) 2-Chloronaphthalene	9.410	162	574466	40.323	ng	97
48) 2-Nitroaniline	9.510	65	209045	50.137	ng	100
49) Acenaphthylene	9.828	152	978447	47.965	ng	99
50) Dimethylphthalate	9.687	163	798362	51.818	ng	100
51) 2,6-Dinitrotoluene	9.751	165	169505	53.083	ng	96
52) Acenaphthene	10.004	154	666294	48.107	ng	99
53) 3-Nitroaniline	9.922	138	99285	28.775	ng	97
54) 2,4-Dinitrophenol	10.034	184	155643	90.406	ng	95
55) Dibenzofuran	10.175	168	883171	44.726	ng	96
56) 4-Nitrophenol	10.092	139	82256	40.066	ng	92
57) 2,4-Dinitrotoluene	10.157	165	229087	53.729	ng	93
58) Fluorene	10.516	166	704567	46.360	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.292	232	189613	51.893	ng	96
60) Diethylphthalate	10.386	149	761464	55.125	ng	100
61) 4-Chlorophenyl-phenyle...	10.504	204	354382	46.625	ng	97
62) 4-Nitroaniline	10.539	138	157900	49.821	ng	92
63) Azobenzene	10.669	77	749233	52.310	ng	99
65) 4,6-Dinitro-2-methylph...	10.569	198	116177	50.559	ng	97
66) n-Nitrosodiphenylamine	10.628	169	619849	47.262	ng	99
67) 4-Bromophenyl-phenylether	10.998	248	234232	48.171	ng	96
68) Hexachlorobenzene	11.069	284	248260	47.365	ng	98
69) Atrazine	11.151	200	201408	59.492	ng	99
70) Pentachlorophenol	11.269	266	257162	107.130	ng	99
71) Phenanthrene	11.480	178	995019	45.593	ng	99
72) Anthracene	11.533	178	1030994	46.633	ng	100
73) Carbazole	11.686	167	841718	46.464	ng	99
74) Di-n-butylphthalate	12.010	149	1127277	66.704	ng	99
75) Fluoranthene	12.669	202	914300	46.690	ng	99
77) Benzidine	12.786	184	161716	27.556	ng	99
78) Pyrene	12.898	202	889609	44.889	ng	100
80) Butylbenzylphthalate	13.510	149	373800	69.044	ng	99
81) Benzo(a)anthracene	14.086	228	753434	48.574	ng	99
82) 3,3'-Dichlorobenzidine	14.045	252	132635	29.859	ng	96
83) Chrysene	14.127	228	645099	46.279	ng	99
84) Bis(2-ethylhexyl)phtha...	14.069	149	525601	63.742	ng	100
85) Di-n-octyl phthalate	14.680	149	782243	51.209	ng	99
87) Indeno(1,2,3-cd)pyrene	17.133	276	713033	42.602	ng	99
88) Benzo(b)fluoranthene	15.157	252	633917	48.963	ng	99
89) Benzo(k)fluoranthene	15.186	252	633765	51.127	ng	99
90) Benzo(a)pyrene	15.533	252	606447	50.464	ng	100
91) Dibenzo(a,h)anthracene	17.139	278	580113	43.278	ng	100
92) Benzo(g,h,i)perylene	17.592	276	528314	39.637	ng	99

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

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