Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102225\
Data File : BF144045.D
Acq On : 22 Oct 2025 16:48
Operator : RC/JU
Sample : Q3399-01MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMS

Quant Time: Oct 22 17:07:56 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	57143	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	201418	20.000	ng	#	0.00
39) Acenaphthene-d10	9.922	164	104489	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	168446	20.000	ng		0.00
76) Chrysene-d12	14.063	240	157711	20.000	ng	#	0.00
86) Perylene-d12	15.545	264	198777	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	326532	90.742	ng		0.00
7) Phenol-d6	6.504	99	364985	85.094	ng		-0.01
23) Nitrobenzene-d5	7.439	82	220349	66.465	ng		-0.02
42) 2,4,6-Tribromophenol	10.710	330	108244	104.008	ng		-0.01
45) 2-Fluorobiphenyl	9.239	172	427039	64.849	ng		-0.01
79) Terphenyl-d14	12.998	244	466140	50.515	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.681	88	71890	43.172	ng		93
3) Pyridine	3.446	79	196727	40.582	ng		93
4) n-Nitrosodimethylamine	3.393	42	119259	46.767	ng		93
6) Aniline	6.545	93	198249	30.845	ng		99
8) 2-Chlorophenol	6.663	128	162475	46.191	ng		96
9) Benzaldehyde	6.434	77	82729	25.003	ng		97
10) Phenol	6.522	94	222009	43.295	ng		96
11) bis(2-Chloroethyl)ether	6.616	93	166623	42.064	ng		97
12) 1,3-Dichlorobenzene	6.822	146	204716	48.620	ng		100
13) 1,4-Dichlorobenzene	6.898	146	211934	51.028	ng		99
14) 1,2-Dichlorobenzene	7.051	146	196340	49.354	ng		99
15) Benzyl Alcohol	7.022	79	146326	45.532	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	327359	36.307	ng		95
17) 2-Methylphenol	7.134	107	128416	44.175	ng		98
18) Hexachloroethane	7.392	117	66658	48.125	ng		96
19) n-Nitroso-di-n-propyla...	7.286	70	119120	40.573	ng		95
20) 3+4-Methylphenols	7.281	107	147081	43.655	ng	#	75
22) Acetophenone	7.286	105	228530	53.660	ng		95
24) Nitrobenzene	7.463	77	180195	48.944	ng		97
25) Isophorone	7.698	82	314598	45.004	ng		98
26) 2-Nitrophenol	7.781	139	86948	55.085	ng		98
27) 2,4-Dimethylphenol	7.810	122	145756	51.334	ng		99
28) bis(2-Chloroethoxy)met...	7.910	93	197585	44.746	ng		100
29) 2,4-Dichlorophenol	8.022	162	147567	49.894	ng		97
30) 1,2,4-Trichlorobenzene	8.104	180	154993	53.285	ng		99
31) Naphthalene	8.186	128	446863	48.772	ng		99
32) Benzoic acid	7.922	122	85718	43.621	ng		96
33) 4-Chloroaniline	8.233	127	72133	20.991	ng		96
34) Hexachlorobutadiene	8.304	225	109564	54.205	ng		97
35) Caprolactam	8.592	113	40795	43.381	ng		95
36) 4-Chloro-3-methylphenol	8.716	107	129035	45.419	ng		99
37) 2-Methylnaphthalene	8.875	142	264741	43.377	ng		99
38) 1-Methylnaphthalene	8.975	142	265211	44.799	ng		100
40) 1,2,4,5-Tetrachloroben...	9.045	216	167040	57.841	ng		97
41) Hexachlorocyclopentadiene	9.028	237	79498	66.354	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	103102	48.861	ng		99

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44) 2,4,5-Trichlorophenol	9.198	196	110597	49.598	ng		99
46) 1,1'-Biphenyl	9.339	154	379219	54.816	ng		98
47) 2-Chloronaphthalene	9.369	162	285360	49.473	ng		100
48) 2-Nitroaniline	9.463	65	88111	48.317	ng		93
49) Acenaphthylene	9.780	152	438583	54.086	ng		99
50) Dimethylphthalate	9.639	163	323677	48.780	ng		99
51) 2,6-Dinitrotoluene	9.704	165	70161	57.022	ng		97
52) Acenaphthene	9.957	154	264864	49.847	ng		99
53) 3-Nitroaniline	9.875	138	53252	35.346	ng		93
54) 2,4-Dinitrophenol	9.980	184	58234	77.012	ng		94
55) Dibenzofuran	10.127	168	358411	47.784	ng		99
56) 4-Nitrophenol	10.033	139	94611	82.938	ng		95
57) 2,4-Dinitrotoluene	10.110	165	91107	54.420	ng		98
58) Fluorene	10.469	166	276481	48.851	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	80285	50.862	ng	#	98
60) Diethylphthalate	10.339	149	297519	48.264	ng		100
61) 4-Chlorophenyl-phenyle...	10.463	204	149003	49.796	ng		99
62) 4-Nitroaniline	10.486	138	67812	46.806	ng		96
63) Azobenzene	10.622	77	302817	47.002	ng		98
65) 4,6-Dinitro-2-methylph...	10.516	198	46280	54.673	ng		95
66) n-Nitrosodiphenylamine	10.580	169	267366	50.551	ng		99
67) 4-Bromophenyl-phenylether	10.951	248	95053	51.060	ng		97
68) Hexachlorobenzene	11.022	284	115537	53.609	ng		97
69) Atrazine	11.104	200	86175	53.756	ng		99
70) Pentachlorophenol	11.216	266	115720	93.490	ng		98
71) Phenanthrene	11.439	178	406843	49.820	ng		100
72) Anthracene	11.486	178	424337	51.435	ng		99
73) Carbazole	11.645	167	374959	51.318	ng		99
74) Di-n-butylphthalate	11.974	149	439215	51.866	ng		99
75) Fluoranthene	12.627	202	466245	55.274	ng		98
77) Benzidine	12.751	184	191999	35.061	ng		98
78) Pyrene	12.857	202	486134	36.974	ng		99
80) Butylbenzylphthalate	13.474	149	194190	45.477	ng		98
81) Benzo(a)anthracene	14.051	228	500895	48.533	ng		100
82) 3,3'-Dichlorobenzidine	14.015	252	138851	44.147	ng		99
83) Chrysene	14.086	228	481599	50.418	ng		100
84) Bis(2-ethylhexyl)phtha...	14.033	149	278912	54.185	ng		100
85) Di-n-octyl phthalate	14.651	149	511613	60.515	ng		97
87) Indeno(1,2,3-cd)pyrene	17.056	276	499925	41.045	ng		98
88) Benzo(b)fluoranthene	15.109	252	574593	50.322	ng	#	97
89) Benzo(k)fluoranthene	15.139	252	502266	47.538	ng		98
90) Benzo(a)pyrene	15.486	252	521045	52.626	ng		99
91) Dibenzo(a,h)anthracene	17.068	278	415588	42.425	ng		98
92) Benzo(g,h,i)perylene	17.509	276	374153	38.195	ng		96

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

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