Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102225\
Data File : BF144046.D
Acq On : 22 Oct 2025 17:17
Operator : RC/JU
Sample : Q3399-01MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMSD

Quant Time: Oct 22 17:39:57 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	52405	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	194453	20.000	ng	#	0.00
39) Acenaphthene-d10	9.922	164	100404	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	161809	20.000	ng		0.00
76) Chrysene-d12	14.063	240	140916	20.000	ng		0.00
86) Perylene-d12	15.545	264	186035	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.499	112	315008	95.454	ng		0.00
7) Phenol-d6	6.504	99	351883	89.457	ng		-0.01
23) Nitrobenzene-d5	7.440	82	218945	68.407	ng		-0.02
42) 2,4,6-Tribromophenol	10.710	330	105331	105.326	ng		-0.01
45) 2-Fluorobiphenyl	9.239	172	427316	67.531	ng		-0.01
79) Terphenyl-d14	12.998	244	440266	53.397	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.681	88	70292	46.029	ng		93
3) Pyridine	3.446	79	184153	41.423	ng		94
4) n-Nitrosodimethylamine	3.393	42	116488	49.810	ng		93
6) Aniline	6.546	93	184778	31.348	ng		99
8) 2-Chlorophenol	6.663	128	154648	47.941	ng		97
9) Benzaldehyde	6.434	77	81335	26.805	ng		98
10) Phenol	6.522	94	216329	46.001	ng		94
11) bis(2-Chloroethyl)ether	6.616	93	159431	43.888	ng		98
12) 1,3-Dichlorobenzene	6.822	146	195541	50.640	ng		99
13) 1,4-Dichlorobenzene	6.898	146	198566	52.132	ng		100
14) 1,2-Dichlorobenzene	7.051	146	187864	51.493	ng		100
15) Benzyl Alcohol	7.022	79	146036	49.550	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.151	45	318759	38.549	ng		94
17) 2-Methylphenol	7.134	107	124908	46.853	ng		97
18) Hexachloroethane	7.393	117	66169	52.091	ng		96
19) n-Nitroso-di-n-propyla...	7.287	70	120112	44.609	ng		98
20) 3+4-Methylphenols	7.281	107	145482	47.084	ng	#	75
22) Acetophenone	7.287	105	225071	54.741	ng		94
24) Nitrobenzene	7.463	77	179684	50.554	ng		98
25) Isophorone	7.698	82	308671	45.738	ng		97
26) 2-Nitrophenol	7.781	139	87540	57.447	ng		98
27) 2,4-Dimethylphenol	7.810	122	146086	53.293	ng		98
28) bis(2-Chloroethoxy)met...	7.910	93	190792	44.755	ng		98
29) 2,4-Dichlorophenol	8.022	162	140538	49.220	ng		100
30) 1,2,4-Trichlorobenzene	8.104	180	152155	54.183	ng		99
31) Naphthalene	8.187	128	431571	48.790	ng		100
32) Benzoic acid	7.922	122	87243	45.987	ng		94
33) 4-Chloroaniline	8.234	127	68144	20.541	ng		97
34) Hexachlorobutadiene	8.298	225	110530	56.642	ng		98
35) Caprolactam	8.592	113	41937	46.192	ng	#	86
36) 4-Chloro-3-methylphenol	8.716	107	130088	47.430	ng		97
37) 2-Methylnaphthalene	8.875	142	263894	44.787	ng		99
38) 1-Methylnaphthalene	8.975	142	263614	46.124	ng		98
40) 1,2,4,5-Tetrachloroben...	9.045	216	171355	61.749	ng		100
41) Hexachlorocyclopentadiene	9.028	237	85794	74.523	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	101629	50.123	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	113337	52.895	ng		97
46) 1,1'-Biphenyl	9.339	154	376138	56.582	ng		98
47) 2-Chloronaphthalene	9.369	162	282045	50.887	ng		98
48) 2-Nitroaniline	9.463	65	88874	50.718	ng		92
49) Acenaphthylene	9.781	152	439452	56.398	ng		100
50) Dimethylphthalate	9.639	163	331215	51.947	ng		99
51) 2,6-Dinitrotoluene	9.704	165	69184	58.515	ng		97
52) Acenaphthene	9.957	154	266069	52.111	ng		100
53) 3-Nitroaniline	9.875	138	51718	35.724	ng		92
54) 2,4-Dinitrophenol	9.981	184	54749	75.499	ng		98
55) Dibenzofuran	10.128	168	357723	49.633	ng		97
56) 4-Nitrophenol	10.034	139	89855	81.974	ng		93
57) 2,4-Dinitrotoluene	10.110	165	90072	55.991	ng		98
58) Fluorene	10.469	166	272501	50.106	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	83810	55.256	ng		96
60) Diethylphthalate	10.339	149	300982	50.812	ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	148610	51.685	ng		96
62) 4-Nitroaniline	10.486	138	66690	47.905	ng		92
63) Azobenzene	10.622	77	305202	49.299	ng		98
65) 4,6-Dinitro-2-methylph...	10.516	198	47428	58.328	ng		94
66) n-Nitrosodiphenylamine	10.581	169	262951	51.755	ng		99
67) 4-Bromophenyl-phenylether	10.951	248	97379	54.455	ng		97
68) Hexachlorobenzene	11.022	284	114279	55.200	ng		96
69) Atrazine	11.104	200	85947	55.813	ng		99
70) Pentachlorophenol	11.216	266	113635	95.571	ng		97
71) Phenanthrene	11.439	178	392636	50.052	ng		98
72) Anthracene	11.486	178	403806	50.954	ng		100
73) Carbazole	11.645	167	361127	51.452	ng		98
74) Di-n-butylphthalate	11.975	149	427855	52.597	ng		99
75) Fluoranthene	12.628	202	444101	54.808	ng		97
77) Benzidine	12.751	184	182031	37.203	ng		98
78) Pyrene	12.857	202	460135	39.167	ng		99
80) Butylbenzylphthalate	13.475	149	182101	47.728	ng		99
81) Benzo(a)anthracene	14.051	228	472894	51.281	ng		99
82) 3,3'-Dichlorobenzidine	14.016	252	132609	47.187	ng		99
83) Chrysene	14.086	228	459269	53.811	ng		99
84) Bis(2-ethylhexyl)phtha...	14.033	149	258590	56.225	ng		100
85) Di-n-octyl phthalate	14.651	149	478725	63.374	ng	#	97
87) Indeno(1,2,3-cd)pyrene	17.051	276	468814	41.127	ng		97
88) Benzo(b)fluoranthene	15.110	252	549352	51.407	ng	#	98
89) Benzo(k)fluoranthene	15.139	252	484648	49.012	ng	#	98
90) Benzo(a)pyrene	15.486	252	490198	52.902	ng		98
91) Dibenzo(a,h)anthracene	17.068	278	390451	42.589	ng		97
92) Benzo(g,h,i)perylene	17.504	276	352371	38.435	ng		97

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

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