Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144022.D
Acq On : 21 Oct 2025 19:58
Operator : RC/JU
Sample : Q3402-07MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
41-LBMSD

Quant Time: Oct 22 11:11:47 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	105784	20.00	ng		0.00
21) Naphthalene-d8	8.163	136	388491	20.00	ng		0.00
39) Acenaphthene-d10	9.922	164	194134	20.00	ng		0.00
64) Phenanthrene-d10	11.410	188	286809	20.00	ng		0.00
76) Chrysene-d12	14.063	240	223920	20.00	ng		0.00
86) Perylene-d12	15.545	264	293398	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	618906	92.91	ng		0.00
7) Phenol-d6	6.510	99	729330	91.85	ng		0.00
23) Nitrobenzene-d5	7.445	82	400768	62.67	ng		-0.01
42) 2,4,6-Tribromophenol	10.716	330	145268	75.13	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	534920	43.72	ng		-0.01
79) Terphenyl-d14	12.998	244	450251	34.37	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.693	88	134906	43.76	ng		96
3) Pyridine	3.452	79	377009	42.01	ng		98
4) n-Nitrosodimethylamine	3.405	42	225971	47.87	ng		94
6) Aniline	6.546	93	412091	34.63	ng		97
8) 2-Chlorophenol	6.669	128	314010	48.22	ng		97
9) Benzaldehyde	6.434	77	171182	27.95	ng		99
10) Phenol	6.522	94	470825	49.60	ng		97
11) bis(2-Chloroethyl)ether	6.616	93	353592	48.22	ng		98
12) 1,3-Dichlorobenzene	6.822	146	371669	47.68	ng		99
13) 1,4-Dichlorobenzene	6.898	146	375293	48.81	ng		99
14) 1,2-Dichlorobenzene	7.051	146	363754	49.39	ng		98
15) Benzyl Alcohol	7.022	79	292141	49.11	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	792872	47.50	ng		99
17) 2-Methylphenol	7.134	107	254720	47.33	ng		99
18) Hexachloroethane	7.393	117	122779	47.88	ng		97
19) n-Nitroso-di-n-propyla...	7.293	70	242161	44.56	ng		97
20) 3+4-Methylphenols	7.287	107	291162	46.68	ng	#	69
22) Acetophenone	7.293	105	442786	53.90	ng		99
24) Nitrobenzene	7.463	77	364151	51.28	ng		99
25) Isophorone	7.704	82	643056	47.69	ng		98
26) 2-Nitrophenol	7.781	139	175307	57.58	ng		97
27) 2,4-Dimethylphenol	7.816	122	294576	53.79	ng		98
28) bis(2-Chloroethoxy)met...	7.910	93	418504	49.14	ng		99
29) 2,4-Dichlorophenol	8.022	162	265392	46.52	ng		99
30) 1,2,4-Trichlorobenzene	8.104	180	285429	50.88	ng		98
31) Naphthalene	8.187	128	845626	47.85	ng		100
32) Benzoic acid	7.928	122	203422	53.67	ng		98
33) 4-Chloroaniline	8.234	127	126445	19.08	ng		98
34) Hexachlorobutadiene	8.304	225	186031	47.72	ng		98
35) Caprolactam	8.604	113	89234	49.20	ng		96
36) 4-Chloro-3-methylphenol	8.716	107	248388	45.33	ng		99
37) 2-Methylnaphthalene	8.881	142	493824	41.95	ng		97
38) 1-Methylnaphthalene	8.975	142	505391	44.26	ng		97
40) 1,2,4,5-Tetrachloroben...	9.045	216	296244	55.21	ng		99
41) Hexachlorocyclopentadiene	9.034	237	227968	102.41	ng		100
43) 2,4,6-Trichlorophenol	9.157	196	191391	48.82	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	199399	48.13	ng	99
46) 1,1'-Biphenyl	9.339	154	699744	54.44	ng	98
47) 2-Chloronaphthalene	9.369	162	529818	49.44	ng	97
48) 2-Nitroaniline	9.463	65	179609	53.01	ng	98
49) Acenaphthylene	9.787	152	823759	54.68	ng	100
50) Dimethylphthalate	9.639	163	611995	49.64	ng	99
51) 2,6-Dinitrotoluene	9.704	165	130428	57.05	ng	95
52) Acenaphthene	9.957	154	486738	49.30	ng	100
53) 3-Nitroaniline	9.875	138	97528	34.84	ng	99
54) 2,4-Dinitrophenol	9.981	184	109640	77.95	ng	94
55) Dibenzofuran	10.128	168	657401	47.17	ng	99
56) 4-Nitrophenol	10.039	139	175713	82.91	ng	98
57) 2,4-Dinitrotoluene	10.110	165	168424	54.15	ng	97
58) Fluorene	10.475	166	495457	47.12	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	133635	45.57	ng	99
60) Diethylphthalate	10.339	149	547114	47.77	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	254519	45.78	ng	97
62) 4-Nitroaniline	10.486	138	122960	45.68	ng	93
63) Azobenzene	10.622	77	615682	51.44	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	85035	59.00	ng	96
66) n-Nitrosodiphenylamine	10.581	169	495231	54.99	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	157374	49.65	ng	98
68) Hexachlorobenzene	11.022	284	170411	46.44	ng	99
69) Atrazine	11.110	200	148200	54.30	ng	99
70) Pentachlorophenol	11.216	266	183498	87.07	ng	97
71) Phenanthrene	11.439	178	685938	49.33	ng	99
72) Anthracene	11.492	178	706739	50.31	ng	100
73) Carbazole	11.645	167	615869	49.50	ng	99
74) Di-n-butylphthalate	11.975	149	753521	52.26	ng	99
75) Fluoranthene	12.627	202	705704	49.14	ng	99
77) Benzidine	12.751	184	341647	43.94	ng	97
78) Pyrene	12.863	202	738321	39.55	ng	100
80) Butylbenzylphthalate	13.475	149	297568	49.08	ng	100
81) Benzo(a)anthracene	14.051	228	751378	51.28	ng	100
82) 3,3'-Dichlorobenzidine	14.016	252	207789	46.53	ng	99
83) Chrysene	14.086	228	720720	53.14	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	417651	57.15	ng	98
85) Di-n-octyl phthalate	14.651	149	803920	66.97	ng	99
87) Indeno(1,2,3-cd)pyrene	17.057	276	866474	48.20	ng	98
88) Benzo(b)fluoranthene	15.110	252	827497	49.10	ng	99
89) Benzo(k)fluoranthene	15.139	252	725032	46.49	ng	98
90) Benzo(a)pyrene	15.486	252	766944	52.48	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	705803	48.81	ng	98
92) Benzo(g,h,i)perylene	17.510	276	666626	46.10	ng	97

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

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