Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112025\
Data File : BF144304.D
Acq On : 20 Nov 2025 19:56
Operator : RC/JU
Sample : Q3662-02MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B3-0.0-1.0-20251117MSD

Quant Time: Nov 21 00:00:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	44073	20.000	ng		-0.01
21) Naphthalene-d8	8.145	136	159722	20.000	ng		-0.01
39) Acenaphthene-d10	9.904	164	80476	20.000	ng		-0.01
64) Phenanthrene-d10	11.392	188	143551	20.000	ng		-0.01
76) Chrysene-d12	14.045	240	118518	20.000	ng		0.00
86) Perylene-d12	15.521	264	95287	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	216046	76.710	ng		0.00
7) Phenol-d6	6.498	99	237752	74.502	ng		0.00
23) Nitrobenzene-d5	7.428	82	145188	52.500	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	71402	70.703	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	288328	52.915	ng		0.00
79) Terphenyl-d14	12.980	244	336714	45.127	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	62924	54.041	ng		100
3) Pyridine	3.434	79	161142	49.605	ng		99
4) n-Nitrosodimethylamine	3.387	42	91656	54.016	ng		94
6) Aniline	6.528	93	63599	13.988	ng	#	77
8) 2-Chlorophenol	6.651	128	134540	48.711	ng		97
9) Benzaldehyde	6.416	77	75790	42.059	ng		97
10) Phenol	6.510	94	183480	47.059	ng		96
11) bis(2-Chloroethyl)ether	6.598	93	145578	51.241	ng		99
12) 1,3-Dichlorobenzene	6.804	146	170495	50.025	ng		99
13) 1,4-Dichlorobenzene	6.881	146	171549	50.241	ng		99
14) 1,2-Dichlorobenzene	7.034	146	161736	49.419	ng		98
15) Benzyl Alcohol	7.004	79	125227	49.558	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.134	45	255861	48.905	ng		90
17) 2-Methylphenol	7.122	107	103587	47.143	ng		95
18) Hexachloroethane	7.375	117	50922	44.889	ng		99
19) n-Nitroso-di-n-propyla...	7.275	70	99491	47.359	ng		97
20) 3+4-Methylphenols	7.275	107	121115	46.759	ng	#	89
22) Acetophenone	7.269	105	178859	52.200	ng		99
24) Nitrobenzene	7.445	77	149955	49.940	ng		98
25) Isophorone	7.686	82	260987	49.892	ng		98
26) 2-Nitrophenol	7.763	139	63088	42.444	ng		96
27) 2,4-Dimethylphenol	7.798	122	121255	54.427	ng		97
28) bis(2-Chloroethoxy)met...	7.892	93	167610	51.311	ng		99
29) 2,4-Dichlorophenol	8.004	162	116177	45.245	ng		97
30) 1,2,4-Trichlorobenzene	8.086	180	131220	49.767	ng		98
31) Naphthalene	8.169	128	365391	48.092	ng		99
32) Benzoic acid	7.910	122	60719	37.181	ng		93
33) 4-Chloroaniline	8.222	127	35395	12.773	ng		99
34) Hexachlorobutadiene	8.281	225	91193	45.892	ng		99
35) Caprolactam	8.586	113	33639	47.818	ng		94
36) 4-Chloro-3-methylphenol	8.704	107	101868	44.267	ng		98
37) 2-Methylnaphthalene	8.857	142	216643	42.648	ng		99
38) 1-Methylnaphthalene	8.957	142	219367	44.755	ng		100
40) 1,2,4,5-Tetrachloroben...	9.028	216	130774	49.583	ng		99
41) Hexachlorocyclopentadiene	9.010	237	24474	32.525	ng		96
43) 2,4,6-Trichlorophenol	9.139	196	88455	49.276	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	88549	45.769	ng		99
46) 1,1'-Biphenyl	9.322	154	286108	50.932	ng		98
47) 2-Chloronaphthalene	9.351	162	234340	48.905	ng		99
48) 2-Nitroaniline	9.445	65	73544	53.193	ng		96
49) Acenaphthylene	9.763	152	354918	54.353	ng		100
50) Dimethylphthalate	9.622	163	276955	51.948	ng		100
51) 2,6-Dinitrotoluene	9.686	165	53802	49.852	ng		97
52) Acenaphthene	9.939	154	188975	43.277	ng		98
53) 3-Nitroaniline	9.857	138	41951	35.559	ng		98
54) 2,4-Dinitrophenol	9.975	184	3170	4.864	ng	#	77
55) Dibenzofuran	10.110	168	289563	47.348	ng		99
56) 4-Nitrophenol	10.027	139	81615	95.634	ng		94
57) 2,4-Dinitrotoluene	10.092	165	71296	49.347	ng		99
58) Fluorene	10.451	166	230887	49.656	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.227	232	68953	50.374	ng		99
60) Diethylphthalate	10.322	149	248556	50.574	ng		99
61) 4-Chlorophenyl-phenyle...	10.445	204	122013	46.067	ng		98
62) 4-Nitroaniline	10.475	138	56885	50.631	ng		91
63) Azobenzene	10.604	77	238195	52.076	ng		94
65) 4,6-Dinitro-2-methylph...	10.504	198	5198	5.330	ng		94
66) n-Nitrosodiphenylamine	10.563	169	221308	47.933	ng		99
67) 4-Bromophenyl-phenylether	10.933	248	77760	42.439	ng		96
68) Hexachlorobenzene	11.004	284	97531	45.191	ng		96
69) Atrazine	11.092	200	71134	48.446	ng		98
70) Pentachlorophenol	11.204	266	93796	87.276	ng		96
71) Phenanthrene	11.422	178	358878	50.212	ng		100
72) Anthracene	11.469	178	358424	49.319	ng		99
73) Carbazole	11.627	167	324871	52.570	ng		99
74) Di-n-butylphthalate	11.951	149	378182	50.622	ng		99
75) Fluoranthene	12.610	202	448484	60.745	ng		99
77) Benzidine	12.733	184	130966	37.358	ng		99
78) Pyrene	12.839	202	464531	48.612	ng		99
80) Butylbenzylphthalate	13.457	149	176348	53.245	ng		96
81) Benzo(a)anthracene	14.033	228	429096	52.238	ng		100
82) 3,3'-Dichlorobenzidine	13.992	252	102915	36.552	ng		98
83) Chrysene	14.068	228	393684	51.918	ng		99
84) Bis(2-ethylhexyl)phtha...	14.015	149	243198	53.640	ng		99
85) Di-n-octyl phthalate	14.627	149	400302	51.173	ng		100
87) Indeno(1,2,3-cd)pyrene	17.021	276	275395	40.262	ng		98
88) Benzo(b)fluoranthene	15.092	252	331622	61.216	ng		99
89) Benzo(k)fluoranthene	15.115	252	286930	56.588	ng		98
90) Benzo(a)pyrene	15.462	252	272478	54.521	ng		99
91) Dibenzo(a,h)anthracene	17.033	278	216932	39.490	ng		98
92) Benzo(g,h,i)perylene	17.474	276	224326	41.353	ng		98

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

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