

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080425\
 Data File : BF143299.D
 Acq On : 04 Aug 2025 16:36
 Operator : RC/JU
 Sample : Q2734-02MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-253MS

Quant Time: Aug 04 17:01:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	112731	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	401929	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	184855	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	283057	20.000	ng	0.00
76) Chrysene-d12	14.127	240	250499	20.000	ng	0.00
86) Perylene-d12	15.633	264	207340	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.610	112	817220	114.717	ng	0.02
7) Phenol-d6	6.593	99	964675	107.586	ng	0.00
23) Nitrobenzene-d5	7.522	82	695596	86.267	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	240209	125.787	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1141506	84.453	ng	0.00
79) Terphenyl-d14	13.069	244	1127736	66.994	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.963	88	130973	38.855	ng	# 83
3) Pyridine	3.681	79	305432	34.910	ng	98
4) n-Nitrosodimethylamine	3.610	42	189351	41.918	ng	97
6) Aniline	6.622	93	164682	13.178	ng	# 83
8) 2-Chlorophenol	6.751	128	302683	40.535	ng	98
9) Benzaldehyde	6.510	77	95159	14.153	ng	98
10) Phenol	6.604	94	354216	36.262	ng	98
11) bis(2-Chloroethyl)ether	6.692	93	309656	41.402	ng	99
12) 1,3-Dichlorobenzene	6.910	146	307415	37.898	ng	98
13) 1,4-Dichlorobenzene	6.981	146	310422	38.000	ng	100
14) 1,2-Dichlorobenzene	7.134	146	300238	38.642	ng	99
15) Benzyl Alcohol	7.098	79	280576	40.981	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.234	45	563682	40.628	ng	98
17) 2-Methylphenol	7.210	107	249445	39.730	ng	100
18) Hexachloroethane	7.481	117	104997	37.128	ng	98
19) n-Nitroso-di-n-propyla...	7.369	70	226431	39.361	ng	100
20) 3+4-Methylphenols	7.363	107	306583	40.247	ng	# 73
22) Acetophenone	7.363	105	407354	42.808	ng	94
24) Nitrobenzene	7.540	77	329751	43.865	ng	100
25) Isophorone	7.781	82	611142	42.935	ng	99
26) 2-Nitrophenol	7.857	139	153093	46.924	ng	99
27) 2,4-Dimethylphenol	7.892	122	276478	41.573	ng	98
28) bis(2-Chloroethoxy)met...	7.981	93	373342	43.746	ng	100
29) 2,4-Dichlorophenol	8.098	162	239851	42.766	ng	99
30) 1,2,4-Trichlorobenzene	8.187	180	238305	39.330	ng	99
31) Naphthalene	8.263	128	808575	40.848	ng	100
32) Benzoic acid	7.992	122	150849	41.102	ng	99
33) 4-Chloroaniline	8.304	127	72031	8.912	ng	99
34) Hexachlorobutadiene	8.387	225	148491	40.118	ng	99
35) Caprolactam	8.663	113	69587	41.060	ng	94
36) 4-Chloro-3-methylphenol	8.786	107	253624	41.606	ng	99
37) 2-Methylnaphthalene	8.957	142	482106	40.025	ng	100
38) 1-Methylnaphthalene	9.057	142	496123	39.998	ng	99
40) 1,2,4,5-Tetrachloroben...	9.122	216	228572	42.828	ng	100
41) Hexachlorocyclopentadiene	9.110	237	108621	31.279	ng	99
43) 2,4,6-Trichlorophenol	9.234	196	155185	42.014	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	165692	44.845	ng	99
46) 1,1'-Biphenyl	9.416	154	649010	45.000	ng	99
47) 2-Chloronaphthalene	9.445	162	454224	42.564	ng	99
48) 2-Nitroaniline	9.534	65	164292	49.093	ng	99
49) Acenaphthylene	9.863	152	770007	43.056	ng	100
50) Dimethylphthalate	9.716	163	582296	48.326	ng	99
51) 2,6-Dinitrotoluene	9.775	165	117559	47.960	ng	98
52) Acenaphthene	10.033	154	463401	43.841	ng	98
53) 3-Nitroaniline	9.939	138	74175	25.871	ng	98
54) 2,4-Dinitrophenol	10.051	184	49813	47.768	ng	# 1
55) Dibenzofuran	10.204	168	662206	42.197	ng	98
56) 4-Nitrophenol	10.104	139	178212	83.239	ng	97
57) 2,4-Dinitrotoluene	10.181	165	150617	48.977	ng	93
58) Fluorene	10.551	166	502278	42.645	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	127869	41.779	ng	99
60) Diethylphthalate	10.416	149	544599	45.728	ng	99
61) 4-Chlorophenyl-phenyle...	10.539	204	249527	42.547	ng	98
62) 4-Nitroaniline	10.551	138	100962	41.088	ng	97
63) Azobenzene	10.698	77	526694	42.433	ng	99
65) 4,6-Dinitro-2-methylph...	10.586	198	33389	25.377	ng	94
66) n-Nitrosodiphenylamine	10.651	169	447383	44.885	ng	99
67) 4-Bromophenyl-phenylether	11.028	248	146549	43.444	ng	98
68) Hexachlorobenzene	11.104	284	147292	41.776	ng	97
69) Atrazine	11.175	200	131257	47.766	ng	99
70) Pentachlorophenol	11.292	266	188434	90.879	ng	99
71) Phenanthrene	11.510	178	668111	44.454	ng	100
72) Anthracene	11.563	178	682371	44.517	ng	100
73) Carbazole	11.716	167	660341	49.336	ng	100
74) Di-n-butylphthalate	12.039	149	786829	51.954	ng	100
75) Fluoranthene	12.704	202	750745	54.421	ng	100
77) Benzidine	12.816	184	211770	21.943	ng	98
78) Pyrene	12.933	202	781335	36.547	ng	100
80) Butylbenzylphthalate	13.539	149	330811	50.533	ng	100
81) Benzo(a)anthracene	14.116	228	766834	45.724	ng	100
82) 3,3'-Dichlorobenzidine	14.074	252	204252	36.542	ng	99
83) Chrysene	14.157	228	668711	44.348	ng	100
84) Bis(2-ethylhexyl)phtha...	14.098	149	471777	47.612	ng	100
85) Di-n-octyl phthalate	14.716	149	818389	45.565	ng	99
87) Indeno(1,2,3-cd)pyrene	17.180	276	515888	35.286	ng	99
88) Benzo(b)fluoranthene	15.192	252	624363	49.292	ng	99
89) Benzo(k)fluoranthene	15.221	252	591595	52.340	ng	99
90) Benzo(a)pyrene	15.568	252	529389	45.362	ng	97
91) Dibenzo(a,h)anthracene	17.198	278	428090	35.974	ng	100
92) Benzo(g,h,i)perylene	17.645	276	398145	34.588	ng	99

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

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