

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080125\
 Data File : BF143286.D
 Acq On : 01 Aug 2025 17:01
 Operator : RC/JU
 Sample : Q2728-02MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 7211931-VNJ240MS

Quant Time: Aug 01 17:21:23 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	122757	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	459786	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	233095	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	363153	20.000	ng	0.00
76) Chrysene-d12	14.127	240	231100	20.000	ng	0.00
86) Perylene-d12	15.627	264	264394	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.610	112	850831	109.681	ng	0.02
7) Phenol-d6	6.592	99	1041057	106.622	ng	0.00
23) Nitrobenzene-d5	7.522	82	769411	83.415	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	315113	130.861	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1359109	79.742	ng	0.00
79) Terphenyl-d14	13.068	244	1202485	77.431	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.987	88	122410	33.349	ng	# 83
3) Pyridine	3.687	79	270644	28.408	ng	97
4) n-Nitrosodimethylamine	3.616	42	186723	37.960	ng	97
6) Aniline	6.622	93	202177	14.857	ng	# 87
8) 2-Chlorophenol	6.751	128	330983	40.705	ng	98
9) Benzaldehyde	6.510	77	95459	13.038	ng	97
10) Phenol	6.604	94	390436	36.706	ng	98
11) bis(2-Chloroethyl)ether	6.692	93	330854	40.624	ng	100
12) 1,3-Dichlorobenzene	6.904	146	319153	36.131	ng	99
13) 1,4-Dichlorobenzene	6.981	146	323432	36.359	ng	99
14) 1,2-Dichlorobenzene	7.134	146	313730	37.081	ng	98
15) Benzyl Alcohol	7.098	79	309771	41.550	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.234	45	597170	39.527	ng	98
17) 2-Methylphenol	7.210	107	282442	41.311	ng	100
18) Hexachloroethane	7.481	117	113441	36.838	ng	98
19) n-Nitroso-di-n-propyla...	7.369	70	250307	39.958	ng	99
20) 3+4-Methylphenols	7.363	107	341298	41.145	ng	# 75
22) Acetophenone	7.363	105	454916	41.791	ng	95
24) Nitrobenzene	7.539	77	366685	42.640	ng	100
25) Isophorone	7.775	82	703729	43.218	ng	99
26) 2-Nitrophenol	7.857	139	178159	47.735	ng	99
27) 2,4-Dimethylphenol	7.892	122	327737	43.080	ng	98
28) bis(2-Chloroethoxy)met...	7.981	93	426722	43.708	ng	99
29) 2,4-Dichlorophenol	8.098	162	286143	44.600	ng	100
30) 1,2,4-Trichlorobenzene	8.181	180	278337	40.157	ng	99
31) Naphthalene	8.263	128	945229	41.743	ng	100
32) Benzoic acid	8.004	122	205158	47.887	ng	99
33) 4-Chloroaniline	8.304	127	88819	9.606	ng	100
34) Hexachlorobutadiene	8.386	225	167735	39.615	ng	99
35) Caprolactam	8.669	113	83654m	43.149	ng	
36) 4-Chloro-3-methylphenol	8.786	107	311264	44.636	ng	99
37) 2-Methylnaphthalene	8.957	142	600753	43.599	ng	100
38) 1-Methylnaphthalene	9.057	142	616450	43.445	ng	100
40) 1,2,4,5-Tetrachloroben...	9.122	216	293183	43.566	ng	99
41) Hexachlorocyclopentadiene	9.116	237	322005	73.537	ng	100
43) 2,4,6-Trichlorophenol	9.233	196	201354	43.232	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	220243	47.273	ng	99
46) 1,1'-Biphenyl	9.416	154	814833	44.805	ng	99
47) 2-Chloronaphthalene	9.445	162	591003	43.920	ng	100
48) 2-Nitroaniline	9.533	65	206899	49.030	ng	100
49) Acenaphthylene	9.863	152	1018670	45.172	ng	100
50) Dimethylphthalate	9.716	163	707638	46.574	ng	99
51) 2,6-Dinitrotoluene	9.775	165	154207	49.891	ng	98
52) Acenaphthene	10.033	154	668785	50.177	ng	99
53) 3-Nitroaniline	9.939	138	87027	24.072	ng	99
54) 2,4-Dinitrophenol	10.051	184	166564	115.662	ng	# 1
55) Dibenzofuran	10.204	168	888427	44.896	ng	99
56) 4-Nitrophenol	10.104	139	215801	79.936	ng	96
57) 2,4-Dinitrotoluene	10.180	165	199835	51.533	ng	94
58) Fluorene	10.545	166	671890	45.240	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	182352	47.250	ng	99
60) Diethylphthalate	10.416	149	686467	45.711	ng	99
61) 4-Chlorophenyl-phenyle...	10.539	204	335317	45.342	ng	98
62) 4-Nitroaniline	10.557	138	140953	45.491	ng	97
63) Azobenzene	10.698	77	715935	45.742	ng	99
65) 4,6-Dinitro-2-methylph...	10.586	198	101977	52.939	ng	99
66) n-Nitrosodiphenylamine	10.651	169	593200	46.388	ng	100
67) 4-Bromophenyl-phenylether	11.027	248	204729	47.305	ng	98
68) Hexachlorobenzene	11.098	284	212142	46.898	ng	99
69) Atrazine	11.174	200	168726	47.859	ng	100
70) Pentachlorophenol	11.292	266	243791	91.645	ng	100
71) Phenanthrene	11.510	178	885202	45.908	ng	100
72) Anthracene	11.563	178	898167	45.671	ng	100
73) Carbazole	11.710	167	800586	46.621	ng	100
74) Di-n-butylphthalate	12.039	149	974685	50.163	ng	100
75) Fluoranthene	12.698	202	861504	48.676	ng	99
77) Benzidine	12.810	184	76814	8.627	ng	98
78) Pyrene	12.927	202	850857	43.140	ng	99
80) Butylbenzylphthalate	13.539	149	337169	55.827	ng	99
81) Benzo(a)anthracene	14.115	228	721673	46.643	ng	100
82) 3,3'-Dichlorobenzidine	14.068	252	138572	26.872	ng	99
83) Chrysene	14.151	228	659402	47.402	ng	100
84) Bis(2-ethylhexyl)phtha...	14.098	149	464840	50.850	ng	99
85) Di-n-octyl phthalate	14.715	149	795394	48.002	ng	100
87) Indeno(1,2,3-cd)pyrene	17.174	276	867027	46.506	ng	99
88) Benzo(b)fluoranthene	15.186	252	710034	43.959	ng	100
89) Benzo(k)fluoranthene	15.215	252	717764	49.799	ng	100
90) Benzo(a)pyrene	15.568	252	705059	47.378	ng	99
91) Dibenzo(a,h)anthracene	17.192	278	707492	46.624	ng	99
92) Benzo(g,h,i)perylene	17.639	276	697937	47.547	ng	99

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

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