

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030525\
 Data File : BF141844.D
 Acq On : 05 Mar 2025 15:21
 Operator : RC/JU
 Sample : Q1487-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DN-B-42MS

Quant Time: Mar 05 15:58:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 28 01:48:16 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 03/06/2025
 Supervised By :Jagrut Upadhyay 03/06/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	192210	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	734232	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	370025	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	565314	20.000	ng	0.00
76) Chrysene-d12	14.039	240	409462	20.000	ng	-0.01
86) Perylene-d12	15.509	264	473342	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1284833	106.751	ng	0.00
7) Phenol-d6	6.504	99	1597457	101.972	ng	0.00
23) Nitrobenzene-d5	7.445	82	1004018	87.407	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	393680	113.326	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1691234	73.287	ng	0.00
79) Terphenyl-d14	12.986	244	1404647	55.502	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.710	88	228610	41.861	ng	98
3) Pyridine	3.475	79	539964	39.738	ng	98
4) n-Nitrosodimethylamine	3.416	42	280375	42.884	ng	95
6) Aniline	6.545	93	612696	37.620	ng	100
8) 2-Chlorophenol	6.669	128	564761	43.377	ng	97
9) Benzaldehyde	6.434	77	204683	22.462	ng	99
10) Phenol	6.522	94	725989	43.368	ng	98
11) bis(2-Chloroethyl)ether	6.622	93	526773	41.282	ng	96
12) 1,3-Dichlorobenzene	6.828	146	593769	42.585	ng	100
13) 1,4-Dichlorobenzene	6.904	146	605338	43.087	ng	99
14) 1,2-Dichlorobenzene	7.057	146	577487	44.019	ng	98
15) Benzyl Alcohol	7.022	79	492984	39.376	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	729509	37.645	ng	100
17) 2-Methylphenol	7.128	107	448607	41.743	ng	100
18) Hexachloroethane	7.398	117	223054	42.419	ng	99
19) n-Nitroso-di-n-propyla...	7.292	70	384941	37.380	ng	98
20) 3+4-Methylphenols	7.281	107	568592	42.489	ng	96
22) Acetophenone	7.292	105	827134	46.254	ng	97
24) Nitrobenzene	7.463	77	588435	47.838	ng	99
25) Isophorone	7.704	82	1023670	41.482	ng	98
26) 2-Nitrophenol	7.780	139	272681	49.470	ng	98
27) 2,4-Dimethylphenol	7.810	122	475901	52.462	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	615055	39.071	ng	100
29) 2,4-Dichlorophenol	8.016	162	443054	42.337	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	484159	42.221	ng	99
31) Naphthalene	8.186	128	1565470	41.484	ng	99
32) Benzoic acid	7.910	122	353009m	46.845	ng	
33) 4-Chloroaniline	8.233	127	332297	24.016	ng	98
34) Hexachlorobutadiene	8.304	225	301524	42.314	ng	99
35) Caprolactam	8.592	113	165832	51.511	ng	93
36) 4-Chloro-3-methylphenol	8.704	107	477385	41.065	ng	99
37) 2-Methylnaphthalene	8.880	142	971643	39.255	ng	100
38) 1-Methylnaphthalene	8.975	142	949369	39.973	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	515221	48.211	ng	99
41) Hexachlorocyclopentadiene	9.033	237	565053	126.697	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	313746	45.449	ng	99

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44) 2,4,5-Trichlorophenol	9.186	196	323494	47.324	ng	99
46) 1,1'-Biphenyl	9.339	154	1353556	48.058	ng	99
47) 2-Chloronaphthalene	9.369	162	928972	44.688	ng	98
48) 2-Nitroaniline	9.457	65	291855	50.994	ng	95
49) Acenaphthylene	9.780	152	1433535	45.995	ng	99
50) Dimethylphthalate	9.639	163	1048895	42.329	ng	100
51) 2,6-Dinitrotoluene	9.698	165	232333	48.952	ng	95
52) Acenaphthene	9.957	154	954639	45.394	ng	99
53) 3-Nitroaniline	9.869	138	173093	35.128	ng	# 91
54) 2,4-Dinitrophenol	9.969	184	147123	70.645	ng	# 20
55) Dibenzofuran	10.127	168	1269599	41.477	ng	98
56) 4-Nitrophenol	10.016	139	401998	109.840	ng	99
57) 2,4-Dinitrotoluene	10.104	165	310411	53.198	ng	92
58) Fluorene	10.469	166	971273	42.361	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	259524m	43.653	ng	
60) Diethylphthalate	10.339	149	991255	39.903	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	470028	40.915	ng	98
62) 4-Nitroaniline	10.480	138	215910	51.021	ng	96
63) Azobenzene	10.621	77	1080202	41.298	ng	95
65) 4,6-Dinitro-2-methylph...	10.504	198	102419	40.086	ng	98
66) n-Nitrosodiphenylamine	10.574	169	861837	46.428	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	288947	43.759	ng	98
68) Hexachlorobenzene	11.016	284	314028	45.037	ng	98
69) Atrazine	11.104	200	317462	62.190	ng	99
70) Pentachlorophenol	11.204	266	374526	84.690	ng	99
71) Phenanthrene	11.427	178	1360847	45.003	ng	99
72) Anthracene	11.480	178	1381172	45.574	ng	99
73) Carbazole	11.633	167	1177198	43.987	ng	99
74) Di-n-butylphthalate	11.963	149	1357104	40.005	ng	99
75) Fluoranthene	12.615	202	1240933	40.050	ng	98
77) Benzidine	12.733	184	496999	96.436	ng	100
78) Pyrene	12.845	202	1269067	35.792	ng	99
80) Butylbenzylphthalate	13.462	149	469636	36.456	ng	97
81) Benzo(a)anthracene	14.027	228	1232226	45.561	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	369769	47.653	ng	100
83) Chrysene	14.068	228	1062387	42.613	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	600275	37.423	ng	100
85) Di-n-octyl phthalate	14.633	149	1108571	46.163	ng	98
87) Indeno(1,2,3-cd)pyrene	16.992	276	1050463	34.852	ng	98
88) Benzo(b)fluoranthene	15.080	252	1389072	43.082	ng	100
89) Benzo(k)fluoranthene	15.109	252	1085392	39.606	ng	99
90) Benzo(a)pyrene	15.451	252	1182996	45.749	ng	99
91) Dibenzo(a,h)anthracene	17.015	278	863598	35.102	ng	98
92) Benzo(g,h,i)perylene	17.445	276	737995	29.280	ng	99

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

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