

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052325\
 Data File : BF142545.D
 Acq On : 23 May 2025 19:56
 Operator : RC/JU
 Sample : Q2109-01MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-02-MHFMS

Quant Time: May 23 22:54:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/27/2025
 Supervised By :Jagrut Upadhyay 05/27/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	121008	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	428287	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	188037	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	266608	20.000	ng	0.00
76) Chrysene-d12	14.074	240	235229	20.000	ng	0.00
86) Perylene-d12	15.568	264	195239	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	665876	92.708	ng	0.00
7) Phenol-d6	6.528	99	812591	93.984	ng	0.00
23) Nitrobenzene-d5	7.463	82	476891	60.717	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	175592	84.137	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	915009	65.296	ng	-0.01
79) Terphenyl-d14	13.010	244	734237	42.655	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	101747	35.401	ng	99
3) Pyridine	3.493	79	277066	37.855	ng	99
4) n-Nitrosodimethylamine	3.446	42	156759	41.250	ng	97
6) Aniline	6.563	93	335872	28.891	ng	99
8) 2-Chlorophenol	6.681	128	317167	40.541	ng	99
9) Benzaldehyde	6.445	77	190810	36.692	ng	98
10) Phenol	6.539	94	386957	39.775	ng	98
11) bis(2-Chloroethyl)ether	6.634	93	287125	41.000	ng	99
12) 1,3-Dichlorobenzene	6.839	146	343486	39.347	ng	99
13) 1,4-Dichlorobenzene	6.916	146	344647	39.193	ng	99
14) 1,2-Dichlorobenzene	7.069	146	331159	39.357	ng	99
15) Benzyl Alcohol	7.039	79	255779	40.032	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	463601	39.420	ng	97
17) 2-Methylphenol	7.151	107	241212	39.491	ng	99
18) Hexachloroethane	7.410	117	118111	38.466	ng	98
19) n-Nitroso-di-n-propyla...	7.310	70	209432	39.085	ng	99
20) 3+4-Methylphenols	7.304	107	301270	38.517	ng	95
22) Acetophenone	7.310	105	402436	42.447	ng	99
24) Nitrobenzene	7.481	77	304215	42.945	ng	98
25) Isophorone	7.722	82	545975	41.576	ng	98
26) 2-Nitrophenol	7.798	139	168593	44.540	ng	97
27) 2,4-Dimethylphenol	7.833	122	285535	42.776	ng	100
28) bis(2-Chloroethoxy)met...	7.928	93	345861	42.162	ng	100
29) 2,4-Dichlorophenol	8.039	162	249812	41.151	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	275235	41.777	ng	97
31) Naphthalene	8.204	128	932291	44.208	ng	100
32) Benzoic acid	7.945	122	178065	43.822	ng	97
33) 4-Chloroaniline	8.251	127	85846	10.046	ng	99
34) Hexachlorobutadiene	8.322	225	170111	41.353	ng	99
35) Caprolactam	8.622	113	76090	44.629	ng	98
36) 4-Chloro-3-methylphenol	8.733	107	236580	38.027	ng	97
37) 2-Methylnaphthalene	8.892	142	540342	40.727	ng	100
38) 1-Methylnaphthalene	8.992	142	570321	41.558	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	257697	47.742	ng	99
41) Hexachlorocyclopentadiene	9.051	237	247856	68.069	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	168084	46.180	ng	99

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44) 2,4,5-Trichlorophenol	9.210	196	164751	42.919	ng	99
46) 1,1'-Biphenyl	9.357	154	689106	47.237	ng	99
47) 2-Chloronaphthalene	9.386	162	489047	45.373	ng	98
48) 2-Nitroaniline	9.480	65	139985	44.933	ng	96
49) Acenaphthylene	9.804	152	801325	44.029	ng	100
50) Dimethylphthalate	9.657	163	586168	47.244	ng	100
51) 2,6-Dinitrotoluene	9.722	165	119197	44.512	ng	97
52) Acenaphthene	9.975	154	525483	47.284	ng	99
53) 3-Nitroaniline	9.886	138	78388	26.800	ng	100
54) 2,4-Dinitrophenol	9.992	184	92078	66.554	ng	89
55) Dibenzofuran	10.145	168	699345	43.730	ng	99
56) 4-Nitrophenol	10.045	139	175867	81.490	ng	98
57) 2,4-Dinitrotoluene	10.122	165	149828	42.842	ng	98
58) Fluorene	10.486	166	561028	45.409	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.263	232	123684m	38.596	ng	
60) Diethylphthalate	10.357	149	530518	43.781	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	243745	40.161	ng	97
62) 4-Nitroaniline	10.498	138	102642	38.693	ng	98
63) Azobenzene	10.639	77	471476	43.319	ng	96
65) 4,6-Dinitro-2-methylph...	10.527	198	58943	39.616	ng	96
66) n-Nitrosodiphenylamine	10.598	169	419390	45.980	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	139182	44.150	ng	99
68) Hexachlorobenzene	11.033	284	145556	41.746	ng	98
69) Atrazine	11.121	200	126115	52.063	ng	100
70) Pentachlorophenol	11.227	266	176299	89.559	ng	99
71) Phenanthrene	11.451	178	896834	62.944	ng	100
72) Anthracene	11.504	178	687330	47.268	ng	99
73) Carbazole	11.657	167	604211	48.604	ng	100
74) Di-n-butylphthalate	11.986	149	670523	49.277	ng	100
75) Fluoranthene	12.645	202	961217	72.199	ng	99
77) Benzidine	12.763	184	335658	38.345	ng	100
78) Pyrene	12.874	202	965034	43.978	ng	99
80) Butylbenzylphthalate	13.486	149	301694	49.757	ng	99
81) Benzo(a)anthracene	14.062	228	814334	51.844	ng	98
82) 3,3'-Dichlorobenzidine	14.021	252	131357	27.572	ng	100
83) Chrysene	14.098	228	714989	50.658	ng	98
84) Bis(2-ethylhexyl)phtha...	14.045	149	423721	54.589	ng	98
85) Di-n-octyl phthalate	14.662	149	735008	48.429	ng	100
87) Indeno(1,2,3-cd)pyrene	17.080	276	502492	34.283	ng	99
88) Benzo(b)fluoranthene	15.127	252	727300	62.942	ng	97
89) Benzo(k)fluoranthene	15.157	252	505899	46.744	ng	96
90) Benzo(a)pyrene	15.504	252	568945	52.236	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	391842	32.962	ng	99
92) Benzo(g,h,i)perylene	17.533	276	397853	33.460	ng	98

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

