

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031825\
 Data File : BF141992.D
 Acq On : 18 Mar 2025 13:01
 Operator : RC/JU
 Sample : Q1568-04MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-03132025MS

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 03/19/2025
 Supervised By :mohammad ahmed 03/24/2025

Quant Time: Mar 18 13:34:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	152727	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	588011	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	327264	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	504077	20.000	ng	0.00
76) Chrysene-d12	14.039	240	334257	20.000	ng	0.00
86) Perylene-d12	15.515	264	409135	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1136926	124.240	ng	0.02
7) Phenol-d6	6.510	99	1280431	109.896	ng	0.00
23) Nitrobenzene-d5	7.445	82	1008886	96.556	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	594720	143.245	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	2082406	96.770	ng	0.00
79) Terphenyl-d14	12.986	244	1930998	85.410	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.846	88	156699	40.868	ng	Qvalue # 83
3) Pyridine	3.563	79	300215	31.920	ng	97
4) n-Nitrosodimethylamine	3.487	42	173633	38.728	ng	97
6) Aniline	6.545	93	142434	12.392	ng	98
8) 2-Chlorophenol	6.669	128	439960	43.349	ng	98
9) Benzaldehyde	6.434	77	66556	10.214	ng	100
10) Phenol	6.522	94	427945	34.913	ng	99
11) bis(2-Chloroethyl)ether	6.616	93	400564	43.521	ng	99
12) 1,3-Dichlorobenzene	6.822	146	464963	42.435	ng	99
13) 1,4-Dichlorobenzene	6.898	146	475531	42.894	ng	99
14) 1,2-Dichlorobenzene	7.051	146	452650	43.348	ng	99
15) Benzyl Alcohol	7.022	79	387785	41.169	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	444126	39.969	ng	98
17) 2-Methylphenol	7.128	107	339393	42.058	ng	99
18) Hexachloroethane	7.392	117	176772	42.521	ng	97
19) n-Nitroso-di-n-propyla...	7.292	70	301483	40.270	ng	99
20) 3+4-Methylphenols	7.281	107	423212	40.945	ng	# 85
22) Acetophenone	7.287	105	663243	47.100	ng	97
24) Nitrobenzene	7.463	77	461040	44.385	ng	98
25) Isophorone	7.698	82	832994	45.100	ng	99
26) 2-Nitrophenol	7.775	139	238666	46.815	ng	99
27) 2,4-Dimethylphenol	7.810	122	390542	55.634	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	511976	44.195	ng	99
29) 2,4-Dichlorophenol	8.016	162	381941	43.834	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	420277	43.768	ng	98
31) Naphthalene	8.181	128	1309559	43.355	ng	100
32) Benzoic acid	7.922	122	295135m	47.829	ng	
33) 4-Chloroaniline	8.228	127	59797	5.608	ng	98
34) Hexachlorobutadiene	8.298	225	285735	45.629	ng	99
35) Caprolactam	8.592	113	99351m	37.400	ng	
36) 4-Chloro-3-methylphenol	8.710	107	411335	42.320	ng	98
37) 2-Methylnaphthalene	8.875	142	855032	42.350	ng	99
38) 1-Methylnaphthalene	8.975	142	819498	42.063	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	499037	50.085	ng	98
41) Hexachlorocyclopentadiene	9.028	237	599566	153.756	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	291587	44.778	ng	99

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44) 2,4,5-Trichlorophenol	9.192	196	301802	45.761	ng	99
46) 1,1'-Biphenyl	9.339	154	1223225	49.193	ng	100
47) 2-Chloronaphthalene	9.363	162	835177	45.062	ng	98
48) 2-Nitroaniline	9.457	65	231642	43.166	ng	97
49) Acenaphthylene	9.781	152	1304148	47.417	ng	99
50) Dimethylphthalate	9.634	163	1003942	43.807	ng	100
51) 2,6-Dinitrotoluene	9.698	165	218594	45.811	ng	91
52) Acenaphthene	9.951	154	975716	50.481	ng	98
53) 3-Nitroaniline	9.863	138	59186	12.228	ng	96
54) 2,4-Dinitrophenol	9.975	184	246349	89.973	ng	# 46
55) Dibenzofuran	10.122	168	1177594	42.639	ng	99
56) 4-Nitrophenol	10.022	139	287055	78.642	ng	98
57) 2,4-Dinitrotoluene	10.104	165	285453	45.803	ng	95
58) Fluorene	10.463	166	927784	43.562	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	262341	43.713	ng	96
60) Diethylphthalate	10.333	149	965154	42.236	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	490233	44.150	ng	96
62) 4-Nitroaniline	10.481	138	170182	36.115	ng	97
63) Azobenzene	10.616	77	856245	40.302	ng	97
65) 4,6-Dinitro-2-methylph...	10.510	198	149599	49.783	ng	96
66) n-Nitrosodiphenylamine	10.575	169	784826	48.113	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	310869	49.106	ng	98
68) Hexachlorobenzene	11.010	284	353910	50.972	ng	97
69) Atrazine	11.098	200	287531	57.499	ng	99
70) Pentachlorophenol	11.204	266	405413	94.768	ng	99
71) Phenanthrene	11.428	178	1275909	46.862	ng	99
72) Anthracene	11.480	178	1305550	47.795	ng	100
73) Carbazole	11.633	167	981674	41.672	ng	100
74) Di-n-butylphthalate	11.963	149	1327416	42.467	ng	99
75) Fluoranthene	12.616	202	1149890	39.814	ng	99
77) Benzidine	12.733	184	64248	13.777	ng	98
78) Pyrene	12.845	202	1139056	39.395	ng	99
80) Butylbenzylphthalate	13.457	149	456006	40.294	ng	98
81) Benzo(a)anthracene	14.027	228	1046091	47.692	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	143508	22.640	ng	99
83) Chrysene	14.069	228	902529	45.393	ng	100
84) Bis(2-ethylhexyl)phtha...	14.016	149	660288	42.317	ng	99
85) Di-n-octyl phthalate	14.633	149	1189713	54.798	ng	98
87) Indeno(1,2,3-cd)pyrene	17.015	276	1355219	51.205	ng	98
88) Benzo(b)fluoranthene	15.080	252	1146744	40.896	ng	99
89) Benzo(k)fluoranthene	15.116	252	1038112	43.262	ng	99
90) Benzo(a)pyrene	15.457	252	1064045	48.497	ng	99
91) Dibenzo(a,h)anthracene	17.033	278	1112019	50.924	ng	99
92) Benzo(g,h,i)perylene	17.468	276	1004916	46.569	ng	98

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

