

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
 Data File : BF141353.D
 Acq On : 01 Feb 2025 00:57
 Operator : RC/JU
 Sample : Q1194-04MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-113-SB02MSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025

Quant Time: Feb 01 01:28:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	149676	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	589897	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	304724	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	446574	20.000	ng	0.00
76) Chrysene-d12	13.968	240	289652	20.000	ng	0.00
86) Perylene-d12	15.415	264	291978	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	904843	92.808	ng	0.01
7) Phenol-d6	6.445	99	1106069	89.179	ng	0.00
23) Nitrobenzene-d5	7.363	82	719805	64.326	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	248253	88.864	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1206163	60.924	ng	0.00
79) Terphenyl-d14	12.910	244	937270	49.903	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.563	88	156245	36.439	ng	99
3) Pyridine	3.287	79	402004	38.912	ng	99
4) n-Nitrosodimethylamine	3.240	42	247827	41.992	ng	96
6) Aniline	6.463	93	360976	34.383	ng	# 32
8) 2-Chlorophenol	6.592	128	444161	42.504	ng	96
9) Benzaldehyde	6.345	77	45965	6.398	ng	99
10) Phenol	6.457	94	539453	41.031	ng	76
11) bis(2-Chloroethyl)ether	6.534	93	427879	42.445	ng	99
12) 1,3-Dichlorobenzene	6.739	146	454158	39.416	ng	99
13) 1,4-Dichlorobenzene	6.816	146	459392	39.688	ng	100
14) 1,2-Dichlorobenzene	6.969	146	436553	40.277	ng	99
15) Benzyl Alcohol	6.945	79	372341	43.929	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	710017	40.504	ng	57
17) 2-Methylphenol	7.069	107	337228	39.707	ng	# 88
18) Hexachloroethane	7.310	117	170674	39.969	ng	99
19) n-Nitroso-di-n-propyla...	7.216	70	306652	41.610	ng	97
20) 3+4-Methylphenols	7.222	107	440708	42.262	ng	# 75
22) Acetophenone	7.210	105	585685	41.770	ng	# 95
24) Nitrobenzene	7.381	77	463958	40.009	ng	100
25) Isophorone	7.622	82	813421	42.053	ng	99
26) 2-Nitrophenol	7.698	139	232740	42.556	ng	100
27) 2,4-Dimethylphenol	7.745	122	346152m	49.727	ng	
28) bis(2-Chloroethoxy)met...	7.834	93	514821	41.726	ng	99
29) 2,4-Dichlorophenol	7.951	162	357247	41.921	ng	99
30) 1,2,4-Trichlorobenzene	8.022	180	371686	38.191	ng	99
31) Naphthalene	8.104	128	1241727	39.847	ng	100
32) Benzoic acid	7.869	122	263841	41.230	ng	99
33) 4-Chloroaniline	8.151	127	123735	11.709	ng	98
34) Hexachlorobutadiene	8.222	225	223107	39.091	ng	99
35) Caprolactam	8.522	113	116283	41.781	ng	97
36) 4-Chloro-3-methylphenol	8.651	107	375991	41.132	ng	98
37) 2-Methylnaphthalene	8.792	142	797516	40.265	ng	99
38) 1-Methylnaphthalene	8.892	142	745385	38.311	ng	100
40) 1,2,4,5-Tetrachloroben...	8.963	216	358360	41.338	ng	98
41) Hexachlorocyclopentadiene	8.945	237	330649	129.149	ng	99
43) 2,4,6-Trichlorophenol	9.075	196	241755	42.606	ng	99

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44) 2,4,5-Trichlorophenol	9.133	196	253156	40.992	ng	99
46) 1,1'-Biphenyl	9.263	154	982186	41.329	ng	100
47) 2-Chloronaphthalene	9.286	162	729439	39.379	ng	99
48) 2-Nitroaniline	9.380	65	249777	42.870	ng	97
49) Acenaphthylene	9.698	152	1110295	42.820	ng	99
50) Dimethylphthalate	9.563	163	889602	43.224	ng	99
51) 2,6-Dinitrotoluene	9.628	165	193485	40.489	ng	96
52) Acenaphthene	9.875	154	835010	45.077	ng	99
53) 3-Nitroaniline	9.792	138	129295	27.606	ng	100
54) 2,4-Dinitrophenol	9.904	184	209369	94.252	ng	99
55) Dibenzofuran	10.045	168	996364	40.184	ng	99
56) 4-Nitrophenol	9.975	139	241925	70.629	ng	97
57) 2,4-Dinitrotoluene	10.028	165	250886	40.550	ng	99
58) Fluorene	10.386	166	754067	39.206	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	207765	42.763	ng	100
60) Diethylphthalate	10.263	149	853771	42.784	ng	99
61) 4-Chlorophenyl-phenyle...	10.380	204	372656	39.666	ng	99
62) 4-Nitroaniline	10.410	138	169626	36.838	ng	99
63) Azobenzene	10.539	77	861766	43.142	ng	99
65) 4,6-Dinitro-2-methylph...	10.433	198	138958	52.606	ng	97
66) n-Nitrosodiphenylamine	10.498	169	682753	47.270	ng	100
67) 4-Bromophenyl-phenylether	10.869	248	231795	46.363	ng	98
68) Hexachlorobenzene	10.933	284	234812	44.277	ng	99
69) Atrazine	11.027	200	217252	44.986	ng	99
70) Pentachlorophenol	11.133	266	247008	79.539	ng	100
71) Phenanthrene	11.351	178	1024548	42.680	ng	100
72) Anthracene	11.404	178	1046790	44.505	ng	99
73) Carbazole	11.557	167	823751	39.496	ng	99
74) Di-n-butylphthalate	11.892	149	1147366	45.394	ng	100
75) Fluoranthene	12.539	202	900749	38.002	ng	100
77) Benzidine	12.663	184	210212	22.638	ng	99
78) Pyrene	12.769	202	916947	32.979	ng	99
80) Butylbenzylphthalate	13.392	149	384203	39.554	ng	98
81) Benzo(a)anthracene	13.957	228	792710	39.660	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	198260	31.187	ng	99
83) Chrysene	13.992	228	786189	42.919	ng	100
84) Bis(2-ethylhexyl)phtha...	13.951	149	510215	41.407	ng	99
85) Di-n-octyl phthalate	14.568	149	922363	48.195	ng	99
87) Indeno(1,2,3-cd)pyrene	16.862	276	647446	34.356	ng	99
88) Benzo(b)fluoranthene	14.998	252	782728	42.618	ng	99
89) Benzo(k)fluoranthene	15.027	252	810825m	49.835	ng	
90) Benzo(a)pyrene	15.357	252	732096	47.170	ng	99
91) Dibenzo(a,h)anthracene	16.880	278	524247	34.578	ng	99
92) Benzo(g,h,i)perylene	17.298	276	466835	29.613	ng	99

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

