

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030425\
 Data File : BF141829.D
 Acq On : 04 Mar 2025 16:17
 Operator : RC/JU
 Sample : Q1480-25MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4MSD

Quant Time: Mar 04 16:37:40 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 03/05/2025
 Supervised By :Jagrut Upadhyay 03/05/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	269412	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	1059981	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	550526	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	852758	20.000	ng	0.00
76) Chrysene-d12	14.039	240	532651	20.000	ng	-0.01
86) Perylene-d12	15.509	264	576587	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1864612	110.528	ng	0.02
7) Phenol-d6	6.510	99	2380334	108.405	ng	0.00
23) Nitrobenzene-d5	7.445	82	1557559	93.926	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	602027	116.481	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2683353	78.155	ng	0.00
79) Terphenyl-d14	12.986	244	2314431	70.300	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.781	88	333082	43.513	ng	98
3) Pyridine	3.534	79	784204	41.175	ng	99
4) n-Nitrosodimethylamine	3.481	42	400003	43.649	ng	96
6) Aniline	6.551	93	677491	29.678	ng	99
8) 2-Chlorophenol	6.669	128	802399	43.969	ng	98
9) Benzaldehyde	6.434	77	299099	23.418	ng	100
10) Phenol	6.522	94	988824	42.142	ng	99
11) bis(2-Chloroethyl)ether	6.622	93	741453	41.455	ng	98
12) 1,3-Dichlorobenzene	6.828	146	831800	42.561	ng	99
13) 1,4-Dichlorobenzene	6.904	146	833612	42.332	ng	99
14) 1,2-Dichlorobenzene	7.057	146	794669	43.216	ng	99
15) Benzyl Alcohol	7.022	79	705441	40.199	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1123909	41.377	ng	99
17) 2-Methylphenol	7.128	107	642180	42.631	ng	99
18) Hexachloroethane	7.398	117	314428	42.661	ng	99
19) n-Nitroso-di-n-propyla...	7.292	70	564629	39.117	ng	98
20) 3+4-Methylphenols	7.281	107	785680	41.887	ng	94
22) Acetophenone	7.292	105	1174055	45.478	ng	99
24) Nitrobenzene	7.463	77	839900	47.297	ng	99
25) Isophorone	7.704	82	1516776	42.575	ng	99
26) 2-Nitrophenol	7.781	139	386819	48.690	ng	99
27) 2,4-Dimethylphenol	7.810	122	691017	52.766	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	926033	40.748	ng	99
29) 2,4-Dichlorophenol	8.016	162	641999	42.494	ng	100
30) 1,2,4-Trichlorobenzene	8.104	180	697882	42.156	ng	99
31) Naphthalene	8.186	128	2258661	41.460	ng	99
32) Benzoic acid	7.910	122	374646m	36.475	ng	
33) 4-Chloroaniline	8.228	127	320770	16.058	ng	100
34) Hexachlorobutadiene	8.304	225	431942	41.987	ng	99
35) Caprolactam	8.592	113	202825m	43.640	ng	
36) 4-Chloro-3-methylphenol	8.710	107	665556	39.657	ng	96
37) 2-Methylnaphthalene	8.880	142	1405135	39.323	ng	99
38) 1-Methylnaphthalene	8.975	142	1378066	40.192	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	744993	46.855	ng	99
41) Hexachlorocyclopentadiene	9.033	237	920860	138.779	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	458670	44.658	ng	100

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44) 2,4,5-Trichlorophenol	9.192	196	452751	44.517	ng	98
46) 1,1'-Biphenyl	9.339	154	1967816	46.960	ng	99
47) 2-Chloronaphthalene	9.369	162	1354050	43.781	ng	98
48) 2-Nitroaniline	9.457	65	409629	48.351	ng	98
49) Acenaphthylene	9.780	152	2077335	44.798	ng	99
50) Dimethylphthalate	9.639	163	1517586	41.163	ng	100
51) 2,6-Dinitrotoluene	9.698	165	327070	46.470	ng	98
52) Acenaphthene	9.957	154	1434885	45.859	ng	99
53) 3-Nitroaniline	9.869	138	206709	28.781	ng	# 94
54) 2,4-Dinitrophenol	9.975	184	264535	81.242	ng	# 1
55) Dibenzofuran	10.127	168	1839908	40.401	ng	99
56) 4-Nitrophenol	10.022	139	578991	106.331	ng	97
57) 2,4-Dinitrotoluene	10.104	165	433753	50.178	ng	94
58) Fluorene	10.469	166	1386308	40.639	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	377503	42.679	ng	99
60) Diethylphthalate	10.339	149	1461659	39.548	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	688829	40.302	ng	99
62) 4-Nitroaniline	10.480	138	319547	50.753	ng	94
63) Azobenzene	10.622	77	1635455	42.026	ng	96
65) 4,6-Dinitro-2-methylph...	10.510	198	190108	47.453	ng	93
66) n-Nitrosodiphenylamine	10.580	169	1223838	43.706	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	430164	43.187	ng	97
68) Hexachlorobenzene	11.016	284	461909	43.916	ng	99
69) Atrazine	11.104	200	444639	57.743	ng	99
70) Pentachlorophenol	11.204	266	543257	81.437	ng	99
71) Phenanthrene	11.433	178	1996837	43.777	ng	100
72) Anthracene	11.480	178	2001696	43.786	ng	100
73) Carbazole	11.633	167	1692332	41.920	ng	99
74) Di-n-butylphthalate	11.963	149	2070500	40.461	ng	100
75) Fluoranthene	12.616	202	1888989	40.416	ng	99
77) Benzidine	12.733	184	705054	105.167	ng	100
78) Pyrene	12.845	202	1888201	40.937	ng	100
80) Butylbenzylphthalate	13.463	149	735751	43.904	ng	99
81) Benzo(a)anthracene	14.033	228	1548398	44.010	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	337307	33.416	ng	99
83) Chrysene	14.068	228	1355205	41.786	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	984028	47.159	ng	98
85) Di-n-octyl phthalate	14.633	149	1638402	52.447	ng	100
87) Indeno(1,2,3-cd)pyrene	17.003	276	1804146	49.139	ng	99
88) Benzo(b)fluoranthene	15.080	252	1625962	41.399	ng	100
89) Benzo(k)fluoranthene	15.109	252	1277610	38.272	ng	100
90) Benzo(a)pyrene	15.451	252	1419428	45.064	ng	100
91) Dibenzo(a,h)anthracene	17.021	278	1449156	48.355	ng	99
92) Benzo(g,h,i)perylene	17.451	276	1406498	45.811	ng	100

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

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