

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021425\
 Data File : BF141651.D
 Acq On : 14 Feb 2025 20:26
 Operator : RC/JU
 Sample : Q1365-06MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 348MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/15/2025
 Supervised By :Jagrut Upadhyay 02/19/2025

Quant Time: Feb 14 22:08:22 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	100983	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	414680	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	220888	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	344116	20.000	ng	0.00
76) Chrysene-d12	13.951	240	202003	20.000	ng	-0.01
86) Perylene-d12	15.404	264	194698	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	575058	89.277	ng	0.00
7) Phenol-d6	6.434	99	711117	87.347	ng	0.00
23) Nitrobenzene-d5	7.351	82	462670	58.194	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	185303	83.510	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	806502	56.252	ng	0.00
79) Terphenyl-d14	12.892	244	672250	56.181	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.569	88	106735	41.171	ng	98
3) Pyridine	3.298	79	240952	39.058	ng	96
4) n-Nitrosodimethylamine	3.251	42	159721	39.101	ng	94
6) Aniline	6.457	93	251037	32.872	ng	90
8) 2-Chlorophenol	6.581	128	297009	42.673	ng	98
9) Benzaldehyde	6.339	77	136549	31.563	ng	96
10) Phenol	6.451	94	364673	43.037	ng	91
11) bis(2-Chloroethyl)ether	6.522	93	309263	48.592	ng	97
12) 1,3-Dichlorobenzene	6.728	146	305774	41.614	ng	98
13) 1,4-Dichlorobenzene	6.804	146	310938	41.417	ng	98
14) 1,2-Dichlorobenzene	6.957	146	299900	43.041	ng	99
15) Benzyl Alcohol	6.939	79	252228	40.401	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.063	45	433182	39.760	ng	59
17) 2-Methylphenol	7.057	107	232247	42.640	ng	# 93
18) Hexachloroethane	7.298	117	116675	41.993	ng	95
19) n-Nitroso-di-n-propyla...	7.204	70	206637	42.432	ng	96
20) 3+4-Methylphenols	7.210	107	306791	44.322	ng	# 77
22) Acetophenone	7.198	105	455229	44.131	ng	# 93
24) Nitrobenzene	7.375	77	313299	40.412	ng	97
25) Isophorone	7.610	82	556454	43.896	ng	99
26) 2-Nitrophenol	7.686	139	161960	41.990	ng	94
27) 2,4-Dimethylphenol	7.733	122	238414	52.911	ng	98
28) bis(2-Chloroethoxy)met...	7.822	93	336890	41.474	ng	100
29) 2,4-Dichlorophenol	7.939	162	255033	41.890	ng	98
30) 1,2,4-Trichlorobenzene	8.010	180	266452	40.190	ng	99
31) Naphthalene	8.092	128	851464	39.446	ng	99
32) Benzoic acid	7.881	122	186076	39.757	ng	98
33) 4-Chloroaniline	8.163	127	147937	19.630	ng	98
34) Hexachlorobutadiene	8.204	225	162786	40.900	ng	99
35) Caprolactam	8.522	113	87869m	47.403	ng	
36) 4-Chloro-3-methylphenol	8.645	107	273260	40.520	ng	99
37) 2-Methylnaphthalene	8.780	142	535907	38.152	ng	100
38) 1-Methylnaphthalene	8.880	142	525584	38.633	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	291134	45.557	ng	98
41) Hexachlorocyclopentadiene	8.933	237	212523	99.985	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	172386	41.737	ng	99

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44) 2,4,5-Trichlorophenol	9.122	196	185033	41.336	ng	98
46) 1,1'-Biphenyl	9.245	154	771511	45.052	ng	99
47) 2-Chloronaphthalene	9.275	162	524535	41.421	ng	99
48) 2-Nitroaniline	9.375	65	176287	41.481	ng	98
49) Acenaphthylene	9.686	152	799756	42.460	ng	99
50) Dimethylphthalate	9.551	163	642785	42.865	ng	100
51) 2,6-Dinitrotoluene	9.616	165	137196	41.852	ng	99
52) Acenaphthene	9.857	154	503021	39.724	ng	99
53) 3-Nitroaniline	9.786	138	115800	32.821	ng	99
54) 2,4-Dinitrophenol	9.898	184	138725	71.204	ng	94
55) Dibenzofuran	10.033	168	719169	38.693	ng	99
56) 4-Nitrophenol	9.969	139	197132	75.266	ng	95
57) 2,4-Dinitrotoluene	10.022	165	180106	41.271	ng	97
58) Fluorene	10.374	166	573475	39.904	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	156183	40.527	ng	95
60) Diethylphthalate	10.245	149	606674	41.120	ng	100
61) 4-Chlorophenyl-phenyle...	10.363	204	280005	40.499	ng	99
62) 4-Nitroaniline	10.404	138	133052	37.138	ng	97
63) Azobenzene	10.527	77	637673	43.476	ng	93
65) 4,6-Dinitro-2-methylph...	10.427	198	92764	38.807	ng	99
66) n-Nitrosodiphenylamine	10.486	169	494801	44.919	ng	100
67) 4-Bromophenyl-phenylether	10.857	248	171205	44.516	ng	99
68) Hexachlorobenzene	10.922	284	173305	43.761	ng	99
69) Atrazine	11.016	200	176359	53.367	ng	100
70) Pentachlorophenol	11.121	266	186074	73.481	ng	99
71) Phenanthrene	11.333	178	831354	43.889	ng	99
72) Anthracene	11.386	178	817187	42.916	ng	100
73) Carbazole	11.545	167	688005	40.156	ng	100
74) Di-n-butylphthalate	11.868	149	859143	43.428	ng	100
75) Fluoranthene	12.521	202	807976	40.233	ng	100
77) Benzidine	12.651	184	206314	46.310	ng	100
78) Pyrene	12.751	202	787624	45.803	ng	100
80) Butylbenzylphthalate	13.368	149	282174	47.375	ng	99
81) Benzo(a)anthracene	13.939	228	585711	43.619	ng	99
82) 3,3'-Dichlorobenzidine	13.904	252	193646	50.344	ng	99
83) Chrysene	13.980	228	549350	44.308	ng	100
84) Bis(2-ethylhexyl)phtha...	13.927	149	348037	51.809	ng	99
85) Di-n-octyl phthalate	14.545	149	543923	56.758	ng	100
87) Indeno(1,2,3-cd)pyrene	16.845	276	486426	40.434	ng	100
88) Benzo(b)fluoranthene	14.986	252	554861	42.443	ng	100
89) Benzo(k)fluoranthene	15.009	252	478576	42.871	ng	99
90) Benzo(a)pyrene	15.345	252	488232	46.154	ng	98
91) Dibenzo(a,h)anthracene	16.856	278	390734	40.084	ng	99
92) Benzo(g,h,i)perylene	17.280	276	364330	35.716	ng	99

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

