

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022425\
 Data File : BF141739.D
 Acq On : 24 Feb 2025 12:26
 Operator : RC/JU
 Sample : Q1397-05MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP8MSD

Quant Time: Feb 24 12:58:30 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	6.781	152	85075	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	332089	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	175539	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	288541	20.000	ng	-0.02
76) Chrysene-d12	13.939	240	181181	20.000	ng	-0.02
86) Perylene-d12	15.380	264	201068	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	641022	118.126	ng	0.00
7) Phenol-d6	6.428	99	790344	115.231	ng	-0.01
23) Nitrobenzene-d5	7.345	82	524906	82.442	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	206844	117.300	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	967974	84.956	ng	-0.01
79) Terphenyl-d14	12.880	244	905597	84.380	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.552	88	96399	44.137	ng	94
3) Pyridine	3.287	79	216571	41.670	ng	94
4) n-Nitrosodimethylamine	3.234	42	132533	38.512	ng	90
6) Aniline	6.445	93	125150	19.452	ng	# 35
8) 2-Chlorophenol	6.569	128	252696	43.095	ng	100
9) Benzaldehyde	6.334	77	108324	29.721	ng	96
10) Phenol	6.440	94	302528	42.379	ng	86
11) bis(2-Chloroethyl)ether	6.516	93	233385	43.527	ng	100
12) 1,3-Dichlorobenzene	6.722	146	267305	43.181	ng	97
13) 1,4-Dichlorobenzene	6.798	146	274649	43.424	ng	99
14) 1,2-Dichlorobenzene	6.951	146	257604	43.884	ng	99
15) Benzyl Alcohol	6.928	79	213329	40.560	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.057	45	367849	40.077	ng	76
17) 2-Methylphenol	7.045	107	196730	42.873	ng	96
18) Hexachloroethane	7.287	117	101306	43.280	ng	99
19) n-Nitroso-di-n-propyla...	7.198	70	173224	42.223	ng	95
20) 3+4-Methylphenols	7.204	107	259604	44.517	ng	# 72
22) Acetophenone	7.192	105	388511	47.030	ng	# 91
24) Nitrobenzene	7.363	77	259434	41.786	ng	99
25) Isophorone	7.604	82	460640	45.375	ng	99
26) 2-Nitrophenol	7.681	139	138084	44.704	ng	94
27) 2,4-Dimethylphenol	7.722	122	199675	55.335	ng	99
28) bis(2-Chloroethoxy)met...	7.816	93	284389	43.717	ng	100
29) 2,4-Dichlorophenol	7.928	162	210794	43.235	ng	99
30) 1,2,4-Trichlorobenzene	8.004	180	229514	43.228	ng	99
31) Naphthalene	8.086	128	733689	42.443	ng	100
32) Benzoic acid	7.834	122	58314	15.558	ng	98
33) 4-Chloroaniline	8.145	127	43634	7.230	ng	97
34) Hexachlorobutadiene	8.198	225	139864	43.880	ng	99
35) Caprolactam	8.510	113	68113m	45.884	ng	
36) 4-Chloro-3-methylphenol	8.628	107	223751	41.430	ng	100
37) 2-Methylnaphthalene	8.775	142	466001	41.426	ng	99
38) 1-Methylnaphthalene	8.875	142	451763	41.466	ng	99
40) 1,2,4,5-Tetrachloroben...	8.939	216	252550	49.729	ng	98
41) Hexachlorocyclopentadiene	8.928	237	210675	124.721	ng	97
43) 2,4,6-Trichlorophenol	9.057	196	141769	43.191	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	155456	43.701	ng	96
46) 1,1'-Biphenyl	9.239	154	669072	49.163	ng	99
47) 2-Chloronaphthalene	9.263	162	454786	45.191	ng	99
48) 2-Nitroaniline	9.363	65	147384	43.639	ng	97
49) Acenaphthylene	9.675	152	695208	46.445	ng	99
50) Dimethylphthalate	9.539	163	532348	44.672	ng	100
51) 2,6-Dinitrotoluene	9.604	165	116584	44.752	ng	98
52) Acenaphthene	9.845	154	438058	43.531	ng	99
53) 3-Nitroaniline	9.775	138	49764	17.748	ng	97
54) 2,4-Dinitrophenol	9.892	184	73574	47.519	ng	88
55) Dibenzofuran	10.022	168	626738	42.431	ng	98
56) 4-Nitrophenol	9.957	139	164713	79.135	ng	94
57) 2,4-Dinitrotoluene	10.010	165	154979	44.688	ng	98
58) Fluorene	10.363	166	503109	44.052	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.145	232	125780	41.069	ng	95
60) Diethylphthalate	10.239	149	508700	43.387	ng	99
61) 4-Chlorophenyl-phenyle...	10.357	204	243325	44.286	ng	97
62) 4-Nitroaniline	10.392	138	112702	39.585	ng	95
63) Azobenzene	10.516	77	557394	47.820	ng	92
65) 4,6-Dinitro-2-methylph...	10.422	198	63631	31.746	ng	92
66) n-Nitrosodiphenylamine	10.475	169	437231	47.337	ng	99
67) 4-Bromophenyl-phenylether	10.845	248	147446	45.722	ng	99
68) Hexachlorobenzene	10.910	284	156132	47.018	ng	99
69) Atrazine	11.004	200	160889	58.063	ng	99
70) Pentachlorophenol	11.110	266	126585	59.617	ng	99
71) Phenanthrene	11.327	178	781119	49.180	ng	100
72) Anthracene	11.375	178	747144	46.795	ng	100
73) Carbazole	11.533	167	630802	43.909	ng	100
74) Di-n-butylphthalate	11.863	149	740035	44.612	ng	99
75) Fluoranthene	12.510	202	782087	46.445	ng	100
77) Benzidine	12.639	184	186694	46.722	ng	98
78) Pyrene	12.739	202	755080	48.957	ng	99
80) Butylbenzylphthalate	13.357	149	245327	45.922	ng	99
81) Benzo(a)anthracene	13.927	228	582476	48.363	ng	100
82) 3,3'-Dichlorobenzidine	13.892	252	120813	35.018	ng	98
83) Chrysene	13.968	228	543563	48.879	ng	100
84) Bis(2-ethylhexyl)phtha...	13.916	149	309059	51.294	ng	99
85) Di-n-octyl phthalate	14.527	149	517732	60.233	ng	98
87) Indeno(1,2,3-cd)pyrene	16.821	276	631423	50.824	ng	99
88) Benzo(b)fluoranthene	14.968	252	612055	45.335	ng	99
89) Benzo(k)fluoranthene	14.992	252	491480	42.632	ng	100
90) Benzo(a)pyrene	15.321	252	546278	50.005	ng	98
91) Dibenzo(a,h)anthracene	16.833	278	498550	49.524	ng	99
92) Benzo(g,h,i)perylene	17.251	276	489001	46.419	ng	100

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

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