

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
 Data File : BF141514.D
 Acq On : 07 Feb 2025 18:09
 Operator : RC/JU
 Sample : Q1288-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-01-020425MSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 02/10/2025
 Supervised By :mohammad ahmed 02/12/2025

Quant Time: Feb 07 22:24:01 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	6.792	152	87829	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	332042	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	168976	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	234285	20.000	ng	0.00
76) Chrysene-d12	13.968	240	162544	20.000	ng	0.00
86) Perylene-d12	15.433	264	129967	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	650976	116.199	ng	0.00
7) Phenol-d6	6.439	99	799958	112.976	ng	0.00
23) Nitrobenzene-d5	7.357	82	535459	84.112	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	178448	105.128	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	921618	84.029	ng	0.00
79) Terphenyl-d14	12.904	244	748949	77.785	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.540	88	106564	47.261	ng	99
3) Pyridine	3.269	79	247152	46.063	ng	99
4) n-Nitrosodimethylamine	3.222	42	165328	46.535	ng	99
6) Aniline	6.457	93	124464	18.739	ng	# 1
8) 2-Chlorophenol	6.581	128	293807	48.535	ng	99
9) Benzaldehyde	6.339	77	192545	51.171	ng	95
10) Phenol	6.451	94	351618	47.711	ng	86
11) bis(2-Chloroethyl)ether	6.528	93	282074	50.957	ng	99
12) 1,3-Dichlorobenzene	6.734	146	304386	47.629	ng	97
13) 1,4-Dichlorobenzene	6.810	146	302774	46.370	ng	100
14) 1,2-Dichlorobenzene	6.963	146	294243	48.554	ng	99
15) Benzyl Alcohol	6.939	79	257028	47.336	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.069	45	438627	46.290	ng	66
17) 2-Methylphenol	7.057	107	226772	47.871	ng	94
18) Hexachloroethane	7.304	117	129299	53.507	ng	98
19) n-Nitroso-di-n-propyla...	7.210	70	208301	49.180	ng	99
20) 3+4-Methylphenols	7.216	107	302009	50.165	ng	# 72
22) Acetophenone	7.204	105	496732	60.139	ng	96
24) Nitrobenzene	7.375	77	303154	48.835	ng	99
25) Isophorone	7.616	82	558868	55.058	ng	98
26) 2-Nitrophenol	7.692	139	148587	48.111	ng	97
27) 2,4-Dimethylphenol	7.739	122	231513	64.167	ng	99
28) bis(2-Chloroethoxy)met...	7.828	93	326657	50.222	ng	97
29) 2,4-Dichlorophenol	7.945	162	242811	49.809	ng	99
30) 1,2,4-Trichlorobenzene	8.016	180	256050	48.233	ng	98
31) Naphthalene	8.098	128	900555	52.103	ng	98
32) Benzoic acid	7.875	122	192774	51.439	ng	89
33) 4-Chloroaniline	8.157	127	79221	13.128	ng	# 94
34) Hexachlorobutadiene	8.216	225	160832	50.466	ng	100
35) Caprolactam	8.522	113	98911m	66.640	ng	
36) 4-Chloro-3-methylphenol	8.645	107	257656	47.714	ng	99
37) 2-Methylnaphthalene	8.792	142	594979	52.900	ng	100
38) 1-Methylnaphthalene	8.892	142	543445	49.888	ng	98
40) 1,2,4,5-Tetrachloroben...	8.957	216	266415	54.496	ng	99
41) Hexachlorocyclopentadiene	8.939	237	27712	17.043	ng	98
43) 2,4,6-Trichlorophenol	9.075	196	156986	49.685	ng	99

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44) 2,4,5-Trichlorophenol	9.122	196	161985	47.305	ng	# 88
46) 1,1'-Biphenyl	9.257	154	741514	56.602	ng	100
47) 2-Chloronaphthalene	9.280	162	471753	48.698	ng	99
48) 2-Nitroaniline	9.380	65	169268	52.065	ng	97
49) Acenaphthylene	9.698	152	722344	50.132	ng	99
50) Dimethylphthalate	9.557	163	557340	48.585	ng	99
51) 2,6-Dinitrotoluene	9.622	165	118579	47.286	ng	94
52) Acenaphthene	9.869	154	493128m	50.907	ng	
53) 3-Nitroaniline	9.786	138	64416	23.866	ng	# 97
54) 2,4-Dinitrophenol	9.904	184	56583	37.965	ng	95
55) Dibenzofuran	10.039	168	665455	46.802	ng	97
56) 4-Nitrophenol	9.969	139	184205	91.937	ng	96
57) 2,4-Dinitrotoluene	10.027	165	148461	44.471	ng	# 99
58) Fluorene	10.386	166	540760	49.188	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.163	232	124815	42.337	ng	# 85
60) Diethylphthalate	10.263	149	528492	46.825	ng	99
61) 4-Chlorophenyl-phenyle...	10.374	204	242291	45.811	ng	95
62) 4-Nitroaniline	10.404	138	88729	32.375	ng	93
63) Azobenzene	10.539	77	579388	51.638	ng	90
65) 4,6-Dinitro-2-methylph...	10.439	198	38769	23.822	ng	# 62
66) n-Nitrosodiphenylamine	10.492	169	457916	61.058	ng	97
67) 4-Bromophenyl-phenylether	10.869	248	145854	55.703	ng	95
68) Hexachlorobenzene	10.939	284	136890	50.770	ng	98
69) Atrazine	11.027	200	167283	74.351	ng	99
70) Pentachlorophenol	11.133	266	159407	92.460	ng	99
71) Phenanthrene	11.351	178	1418081	109.960	ng	99
72) Anthracene	11.404	178	807005	62.250	ng	99
73) Carbazole	11.557	167	597749	51.244	ng	98
74) Di-n-butylphthalate	11.886	149	753453	55.940	ng	99
75) Fluoranthene	12.539	202	1658782	121.321	ng	99
77) Benzidine	12.657	184	196026	54.683	ng	97
78) Pyrene	12.768	202	1550106	112.027	ng	98
80) Butylbenzylphthalate	13.380	149	272678	56.894	ng	97
81) Benzo(a)anthracene	13.957	228	991223	91.739	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	86140	27.831	ng	99
83) Chrysene	13.998	228	912578	91.471	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	379184	70.149	ng	99
85) Di-n-octyl phthalate	14.574	149	602982	78.195	ng	98
87) Indeno(1,2,3-cd)pyrene	16.886	276	463894	57.766	ng	99
88) Benzo(b)fluoranthene	15.015	252	880125	100.855	ng	98
89) Benzo(k)fluoranthene	15.039	252	444359m	59.631	ng	
90) Benzo(a)pyrene	15.374	252	613744	86.916	ng	97
91) Dibenzo(a,h)anthracene	16.898	278	302961	46.559	ng	99
92) Benzo(g,h,i)perylene	17.321	276	368244	54.079	ng	99

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

