

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
 Data File : BF141339.D
 Acq On : 31 Jan 2025 18:44
 Operator : RC/JU
 Sample : Q1218-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BELL-25-002MS

Manual Integrations
 APPROVED

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

Quant Time: Jan 31 22:30:12 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	6.804	152	131554	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	434471	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	208861	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	316494	20.000	ng	0.00
76) Chrysene-d12	13.968	240	287072	20.000	ng	0.00
86) Perylene-d12	15.427	264	323532	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1006731	117.483	ng	0.02
7) Phenol-d6	6.445	99	1179948	108.241	ng	0.00
23) Nitrobenzene-d5	7.363	82	765234	92.850	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	230592	120.428	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1255992	92.560	ng	0.00
79) Terphenyl-d14	12.910	244	1178895	63.332	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.728	88	145647m	38.647	ng	Qvalue
3) Pyridine	3.434	79	187577	20.658	ng	98
4) n-Nitrosodimethylamine	3.340	42	195301	37.651	ng	99
6) Aniline	6.469	93	163092	17.674	ng	# 21
8) 2-Chlorophenol	6.592	128	360773	39.280	ng	96
9) Benzaldehyde	6.351	77	153189	24.261	ng	98
10) Phenol	6.457	94	413280	35.764	ng	95
11) bis(2-Chloroethyl)ether	6.540	93	357731	40.375	ng	97
12) 1,3-Dichlorobenzene	6.740	146	362442	35.790	ng	100
13) 1,4-Dichlorobenzene	6.822	146	363387	35.719	ng	99
14) 1,2-Dichlorobenzene	6.969	146	343621	36.070	ng	99
15) Benzyl Alcohol	6.957	79	290713	39.023	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.075	45	598595	38.852	ng	86
17) 2-Methylphenol	7.063	107	270922	36.294	ng	95
18) Hexachloroethane	7.310	117	143756	38.303	ng	98
19) n-Nitroso-di-n-propyla...	7.216	70	240598	37.144	ng	99
20) 3+4-Methylphenols	7.210	107	325334	35.496	ng	# 80
22) Acetophenone	7.210	105	508642	49.252	ng	# 98
24) Nitrobenzene	7.387	77	406912	47.643	ng	98
25) Isophorone	7.628	82	565439	39.690	ng	99
26) 2-Nitrophenol	7.698	139	149802	37.190	ng	93
27) 2,4-Dimethylphenol	7.739	122	223609m	43.614	ng	
28) bis(2-Chloroethoxy)met...	7.834	93	297915	32.783	ng	98
29) 2,4-Dichlorophenol	7.945	162	259327	41.317	ng	100
30) 1,2,4-Trichlorobenzene	8.022	180	285426	39.819	ng	100
31) Naphthalene	8.104	128	881744	38.417	ng	100
32) Benzoic acid	8.381	122	18590870m	3944.485	ng	
33) 4-Chloroaniline	8.175	127	82153	10.555	ng	# 13
34) Hexachlorobutadiene	8.222	225	143844	34.219	ng	99
35) Caprolactam	8.686	113	70743	34.511	ng	92
36) 4-Chloro-3-methylphenol	8.645	107	265987	39.508	ng	99
37) 2-Methylnaphthalene	8.798	142	600465	41.162	ng	100
38) 1-Methylnaphthalene	8.898	142	582706	40.664	ng	99
40) 1,2,4,5-Tetrachloroben...	8.963	216	302846	50.968	ng	98
41) Hexachlorocyclopentadiene	8.951	237	360130	205.225	ng	100
43) 2,4,6-Trichlorophenol	9.081	196	180517	46.415	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
 Data File : BF141339.D
 Acq On : 31 Jan 2025 18:44
 Operator : RC/JU
 Sample : Q1218-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BELL-25-002MS

Manual Integrations
 APPROVED

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

Quant Time: Jan 31 22:30:12 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)
44) 2,4,5-Trichlorophenol	9.122	196	179658	42.443	ng	99
46) 1,1'-Biphenyl	9.263	154	828878	50.887	ng	100
47) 2-Chloronaphthalene	9.286	162	553920	43.629	ng	99
48) 2-Nitroaniline	9.386	65	139480	34.927	ng	98
49) Acenaphthylene	9.704	152	790027	44.453	ng	100
50) Dimethylphthalate	9.569	163	588865	41.744	ng	99
51) 2,6-Dinitrotoluene	9.628	165	124531	38.021	ng	92
52) Acenaphthene	9.875	154	605265m	47.672	ng	
53) 3-Nitroaniline	9.798	138	36577	11.394	ng	98
54) 2,4-Dinitrophenol	9.910	184	161698	106.201	ng	98
55) Dibenzofuran	10.051	168	720182	42.376	ng	100
56) 4-Nitrophenol	9.980	139	194516	82.853	ng	98
57) 2,4-Dinitrotoluene	10.033	165	162973	38.431	ng	95
58) Fluorene	10.392	166	543864	41.256	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.169	232	144115	43.276	ng	99
60) Diethylphthalate	10.269	149	540663	39.529	ng	100
61) 4-Chlorophenyl-phenyle...	10.380	204	266568	41.397	ng	98
62) 4-Nitroaniline	10.404	138	84643	26.819	ng	99
63) Azobenzene	10.539	77	562497	41.085	ng	99
65) 4,6-Dinitro-2-methylph...	10.433	198	92916	49.633	ng	94
66) n-Nitrosodiphenylamine	10.498	169	461781	45.111	ng	100
67) 4-Bromophenyl-phenylether	10.869	248	150571	42.495	ng	98
68) Hexachlorobenzene	10.933	284	165980	44.161	ng	99
69) Atrazine	11.033	200	121271	35.433	ng	98
70) Pentachlorophenol	11.139	266	215923	98.106	ng	99
71) Phenanthrene	11.351	178	745904	43.844	ng	100
72) Anthracene	11.398	178	762409	45.737	ng	100
73) Carbazole	11.557	167	635428	42.989	ng	99
74) Di-n-butylphthalate	11.892	149	806567	45.026	ng	100
75) Fluoranthene	12.539	202	774173	46.086	ng	100
78) Pyrene	12.769	202	806413	29.264	ng	99
80) Butylbenzylphthalate	13.392	149	361248	37.525	ng	98
81) Benzo(a)anthracene	13.957	228	763079	38.521	ng	100
82) 3,3'-Dichlorobenzidine	13.921	252	91920	14.589	ng	100
83) Chrysene	13.998	228	769489	42.385	ng	100
84) Bis(2-ethylhexyl)phtha...	13.951	149	493990	40.451	ng	98
85) Di-n-octyl phthalate	14.574	149	941792	49.652	ng	99
87) Indeno(1,2,3-cd)pyrene	16.880	276	807515	38.671	ng	100
88) Benzo(b)fluoranthene	15.010	252	843784	41.462	ng	99
89) Benzo(k)fluoranthene	15.039	252	808333	44.836	ng	100
90) Benzo(a)pyrene	15.368	252	775987	45.122	ng	99
91) Dibenzo(a,h)anthracene	16.898	278	659105	39.232	ng	100
92) Benzo(g,h,i)perylene	17.315	276	602691	34.502	ng	100

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

Manual Integrations

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

Quant Time: Jan 31 22:30:12 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

