

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071625\
 Data File : BF143122.D
 Acq On : 16 Jul 2025 22:09
 Operator : RC/JU
 Sample : Q2592-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-SOIL-20250711MS

Quant Time: Jul 17 03:45:59 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 15 17:53:25 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/17/2025
 Supervised By :Jagrut Upadhyay 07/17/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	147018	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	556657	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	279575	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	442443	20.000	ng	0.00
76) Chrysene-d12	14.127	240	237238	20.000	ng	0.00
86) Perylene-d12	15.633	264	283551	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.610	112	929786	99.920	ng	0.02
7) Phenol-d6	6.586	99	1110845	94.970	ng	0.00
23) Nitrobenzene-d5	7.522	82	799375	80.558	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	314839	126.298	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1438701	68.405	ng	0.00
79) Terphenyl-d14	13.074	244	1130292	69.646	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.034	88	152658	32.957	ng	# 89
3) Pyridine	3.716	79	345508	29.456	ng	99
4) n-Nitrosodimethylamine	3.651	42	218794	36.003	ng	99
6) Aniline	6.628	93	233504	14.176	ng	99
8) 2-Chlorophenol	6.751	128	367790	39.339	ng	100
9) Benzaldehyde	6.516	77	184618	20.714	ng	99
10) Phenol	6.604	94	447469	35.338	ng	99
11) bis(2-Chloroethyl)ether	6.698	93	371882	37.937	ng	99
12) 1,3-Dichlorobenzene	6.910	146	374742	35.480	ng	99
13) 1,4-Dichlorobenzene	6.986	146	379205	35.686	ng	100
14) 1,2-Dichlorobenzene	7.139	146	367410	36.258	ng	100
15) Benzyl Alcohol	7.098	79	356998	41.191	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.239	45	669145	37.031	ng	99
17) 2-Methylphenol	7.210	107	318220	39.442	ng	99
18) Hexachloroethane	7.486	117	128982	37.286	ng	97
19) n-Nitroso-di-n-propyla...	7.375	70	284422	39.690	ng	99
20) 3+4-Methylphenols	7.363	107	384937	38.905	ng	92
22) Acetophenone	7.369	105	517043	38.531	ng	94
24) Nitrobenzene	7.545	77	408070	42.599	ng	97
25) Isophorone	7.781	82	781406	40.742	ng	99
26) 2-Nitrophenol	7.857	139	167379	44.075	ng	98
27) 2,4-Dimethylphenol	7.892	122	365844	41.098	ng	99
28) bis(2-Chloroethoxy)met...	7.986	93	475295	40.866	ng	99
29) 2,4-Dichlorophenol	8.098	162	309908	42.554	ng	99
30) 1,2,4-Trichlorobenzene	8.186	180	318849	38.578	ng	99
31) Naphthalene	8.269	128	1074621	38.875	ng	100
33) 4-Chloroaniline	8.304	127	61328	5.517	ng	99
34) Hexachlorobutadiene	8.392	225	192967	39.039	ng	99
35) Caprolactam	8.663	113	80291m	35.306	ng	
36) 4-Chloro-3-methylphenol	8.786	107	340734	42.002	ng	100
37) 2-Methylnaphthalene	8.963	142	671479	40.718	ng	99
38) 1-Methylnaphthalene	9.063	142	688897	40.277	ng	100
40) 1,2,4,5-Tetrachloroben...	9.127	216	318144	39.048	ng	99
41) Hexachlorocyclopentadiene	9.122	237	357351	79.110	ng	99
43) 2,4,6-Trichlorophenol	9.233	196	222112	43.874	ng	99
44) 2,4,5-Trichlorophenol	9.275	196	229401	43.216	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071625\
 Data File : BF143122.D
 Acq On : 16 Jul 2025 22:09
 Operator : RC/JU
 Sample : Q2592-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-SOIL-20250711MS

Quant Time: Jul 17 03:45:59 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 15 17:53:25 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 07/17/2025
 Supervised By :Jagrut Upadhyay 07/17/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.422	154	899008	40.322	ng	99
47) 2-Chloronaphthalene	9.451	162	655257	40.006	ng	99
48) 2-Nitroaniline	9.533	65	211327	43.531	ng	99
49) Acenaphthylene	9.869	152	1124808	41.213	ng	100
50) Dimethylphthalate	9.722	163	771833	43.883	ng	100
51) 2,6-Dinitrotoluene	9.780	165	157757	45.543	ng	90
52) Acenaphthene	10.039	154	647980	40.233	ng	99
53) 3-Nitroaniline	9.945	138	90479	23.807	ng	98
54) 2,4-Dinitrophenol	10.045	184	24192	26.899	ng #	1
55) Dibenzofuran	10.210	168	979540	40.804	ng	99
56) 4-Nitrophenol	10.098	139	229295	75.913	ng	95
57) 2,4-Dinitrotoluene	10.180	165	200358	46.293	ng	99
58) Fluorene	10.551	166	727865	40.441	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	185838	44.054	ng	99
60) Diethylphthalate	10.422	149	727950	42.899	ng	99
61) 4-Chlorophenyl-phenyle...	10.545	204	357337	41.424	ng	99
62) 4-Nitroaniline	10.557	138	148386	44.897	ng	100
63) Azobenzene	10.704	77	789208	42.054	ng	99
65) 4,6-Dinitro-2-methylph...	10.586	198	31475	24.093	ng	96
66) n-Nitrosodiphenylamine	10.657	169	657305	42.294	ng	98
67) 4-Bromophenyl-phenylether	11.033	248	217241	43.176	ng	98
68) Hexachlorobenzene	11.104	284	227007	42.521	ng	98
69) Atrazine	11.180	200	182643	45.934	ng	98
70) Pentachlorophenol	11.292	266	219946	75.092	ng	98
71) Phenanthrene	11.516	178	994655	41.656	ng	99
72) Anthracene	11.569	178	1004134	41.818	ng	100
73) Carbazole	11.716	167	889232	41.337	ng	100
74) Di-n-butylphthalate	12.051	149	945553	47.886	ng	100
75) Fluoranthene	12.704	202	914970	42.142	ng	99
77) Benzidine	12.816	184	152530	18.872	ng	99
78) Pyrene	12.933	202	910638	41.371	ng	100
80) Butylbenzylphthalate	13.545	149	215653	48.710	ng	97
81) Benzo(a)anthracene	14.121	228	695070	43.967	ng	100
82) 3,3'-Dichlorobenzidine	14.074	252	65861	14.346	ng	100
83) Chrysene	14.157	228	618809	42.501	ng	99
84) Bis(2-ethylhexyl)phtha...	14.110	149	310803	46.699	ng	99
85) Di-n-octyl phthalate	14.727	149	608309	48.177	ng	98
87) Indeno(1,2,3-cd)pyrene	17.180	276	915260	43.399	ng	99
88) Benzo(b)fluoranthene	15.192	252	700576	42.833	ng	99
89) Benzo(k)fluoranthene	15.221	252	711413	45.593	ng	100
90) Benzo(a)pyrene	15.574	252	698480	45.154	ng	99
91) Dibenzo(a,h)anthracene	17.198	278	737065	42.753	ng	99
92) Benzo(g,h,i)perylene	17.645	276	735081	41.822	ng	99

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

