

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090525\
 Data File : BF143653.D
 Acq On : 05 Sep 2025 11:22
 Operator : RC/JU
 Sample : Q2893-03
 Misc : MDL-SOIL 8PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT3-2025

Quant Time: Sep 05 12:08:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 03 18:35:49 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/05/2025
 Supervised By :Jagrut Upadhyay 09/05/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	70998	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	269307	20.000	ng	0.00
39) Acenaphthene-d10	9.921	164	157603	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	269385	20.000	ng	0.00
76) Chrysene-d12	14.045	240	177434	20.000	ng	0.00
86) Perylene-d12	15.515	264	155879	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	494358	123.354	ng	0.00
7) Phenol-d6	6.510	99	622173	125.083	ng	0.00
23) Nitrobenzene-d5	7.451	82	383183	100.003	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	199618	151.465	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	845139	85.674	ng	0.00
79) Terphenyl-d14	12.998	244	963802	90.507	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.675	88	13968	7.387	ng	98
3) Pyridine	3.475	79	33448	6.677	ng	99
4) n-Nitrosodimethylamine	3.375	42	15014	7.216	ng	95
6) Aniline	6.551	93	55067	7.953	ng	99
8) 2-Chlorophenol	6.675	128	34467	8.305	ng	96
9) Benzaldehyde	6.439	77	28020	7.582	ng	96
10) Phenol	6.522	94	41913m	7.686	ng	
11) bis(2-Chloroethyl)ether	6.622	93	32593	7.631	ng	97
12) 1,3-Dichlorobenzene	6.828	146	40838	7.973	ng	99
13) 1,4-Dichlorobenzene	6.904	146	41326	8.044	ng	98
14) 1,2-Dichlorobenzene	7.057	146	39244	8.071	ng	97
15) Benzyl Alcohol	7.022	79	28597	7.566	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	46375	6.899	ng	97
17) 2-Methylphenol	7.128	107	28338	7.809	ng	98
18) Hexachloroethane	7.404	117	12415	7.746	ng	94
19) n-Nitroso-di-n-propyla...	7.292	70	24838	7.841	ng	98
20) 3+4-Methylphenols	7.280	107	36356	7.959	ng	# 89
22) Acetophenone	7.292	105	50060	8.220	ng	# 95
24) Nitrobenzene	7.469	77	35892	8.761	ng	97
25) Isophorone	7.698	82	65869	7.629	ng	99
26) 2-Nitrophenol	7.780	139	14028	12.100	ng	98
27) 2,4-Dimethylphenol	7.810	122	32649	8.685	ng	98
28) bis(2-Chloroethoxy)met...	7.916	93	40244	7.624	ng	99
29) 2,4-Dichlorophenol	8.016	162	30180	8.181	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	33617	8.362	ng	100
31) Naphthalene	8.192	128	107094	8.130	ng	98
32) Benzoic acid	7.857	122	11429	11.740	ng	95
33) 4-Chloroaniline	8.233	127	40478	8.875	ng	98
34) Hexachlorobutadiene	8.310	225	20430	7.813	ng	98
35) Caprolactam	8.563	113	7827	7.917	ng	92
36) 4-Chloro-3-methylphenol	8.704	107	30700	7.947	ng	99
37) 2-Methylnaphthalene	8.880	142	64385	7.226	ng	99
38) 1-Methylnaphthalene	8.980	142	67413	7.913	ng	96
40) 1,2,4,5-Tetrachloroben...	9.045	216	34595	7.943	ng	99
41) Hexachlorocyclopentadiene	9.033	237	19353	9.150	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	21430	7.986	ng	100

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44) 2,4,5-Trichlorophenol	9.186	196	22951	8.284	ng	99
46) 1,1'-Biphenyl	9.345	154	89481	7.983	ng	100
47) 2-Chloronaphthalene	9.369	162	69066	7.874	ng	99
48) 2-Nitroaniline	9.457	65	17800	10.161	ng	99
49) Acenaphthylene	9.786	152	110025	8.703	ng	98
50) Dimethylphthalate	9.639	163	79746	7.991	ng	99
51) 2,6-Dinitrotoluene	9.698	165	15388	11.599	ng	97
52) Acenaphthene	9.957	154	66204	7.829	ng	99
53) 3-Nitroaniline	9.863	138	16535	10.722	ng	98
54) 2,4-Dinitrophenol	9.969	184	4086	13.231	ng	84
55) Dibenzofuran	10.127	168	98462	8.014	ng	98
56) 4-Nitrophenol	10.004	139	12238	8.271	ng	98
57) 2,4-Dinitrotoluene	10.098	165	19320	11.098	ng	98
58) Fluorene	10.469	166	79805	8.398	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	20077m	9.542	ng	
60) Diethylphthalate	10.339	149	75579	7.977	ng	98
61) 4-Chlorophenyl-phenyle...	10.463	204	39315	8.291	ng	98
62) 4-Nitroaniline	10.474	138	15063	10.045	ng	97
63) Azobenzene	10.621	77	67879	7.601	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	7244	13.750	ng	98
66) n-Nitrosodiphenylamine	10.580	169	68281	7.853	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	23474	7.513	ng	97
68) Hexachlorobenzene	11.016	284	25086	7.644	ng	99
69) Atrazine	11.098	200	21235	8.169	ng	100
70) Pentachlorophenol	11.204	266	14121	7.660	ng	98
71) Phenanthrene	11.433	178	116156	7.974	ng	99
72) Anthracene	11.480	178	114782	7.857	ng	100
73) Carbazole	11.633	167	101081	8.209	ng	98
74) Di-n-butylphthalate	11.968	149	114790	8.302	ng	99
75) Fluoranthene	12.615	202	113144	8.457	ng	100
77) Benzidine	12.739	184	46679	11.499	ng	98
78) Pyrene	12.845	202	113548	7.755	ng	99
80) Butylbenzylphthalate	13.468	149	30479	9.384	ng	99
81) Benzo(a)anthracene	14.033	228	86974	7.568	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	26358	8.413	ng	# 98
83) Chrysene	14.068	228	80364	7.779	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	42832	9.043	ng	100
85) Di-n-octyl phthalate	14.639	149	64525	6.129	ng	98
87) Indeno(1,2,3-cd)pyrene	16.997	276	80188	7.379	ng	99
88) Benzo(b)fluoranthene	15.080	252	72588	7.729	ng	99
89) Benzo(k)fluoranthene	15.109	252	63059	7.764	ng	97
90) Benzo(a)pyrene	15.451	252	64627	8.005	ng	99
91) Dibenzo(a,h)anthracene	17.015	278	66751	7.468	ng	99
92) Benzo(g,h,i)perylene	17.445	276	64802	7.526	ng	98

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

Manual Integrations

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