Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090825\
Data File : BF143661.D
Acq On : 08 Sep 2025 10:19
Operator : RC/JU
Sample : Q2893-02
Misc : LOQ-SOIL 5PPM
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 08 10:50:41 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

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2025

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/12/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.893	152	60476	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	230531	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	133744	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	227435	20.000	ng		0.00
76) Chrysene-d12	14.045	240	146015	20.000	ng		0.00
86) Perylene-d12	15.516	264	134141	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.499	112	386605	113.251	ng		0.00
7) Phenol-d6	6.510	99	475573	112.245	ng		0.00
23) Nitrobenzene-d5	7.446	82	290658	88.615	ng		-0.01
42) 2,4,6-Tribromophenol	10.710	330	147165	131.585	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	662318	79.118	ng		0.00
79) Terphenyl-d14	12.992	244	726482	82.901	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	6437	3.997	ng		98
3) Pyridine	3.481	79	14461	3.389	ng		88
6) Aniline	6.551	93	25089	4.254	ng		99
8) 2-Chlorophenol	6.675	128	15991	4.523	ng		96
10) Phenol	6.522	94	19139	4.120	ng	#	78
11) bis(2-Chloroethyl)ether	6.622	93	15209	4.181	ng		95
12) 1,3-Dichlorobenzene	6.828	146	17888	4.100	ng		95
13) 1,4-Dichlorobenzene	6.904	146	19243	4.397	ng		98
14) 1,2-Dichlorobenzene	7.057	146	18296	4.418	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.163	45	20495	3.579	ng		97
17) 2-Methylphenol	7.122	107	12178	3.940	ng		97
18) Hexachloroethane	7.404	117	5655	4.142	ng		93
22) Acetophenone	7.293	105	22538	4.323	ng	#	91
24) Nitrobenzene	7.463	77	16433	4.686	ng		99
25) Isophorone	7.698	82	29265	3.959	ng		99
26) 2-Nitrophenol	7.781	139	5601	7.323	ng		98
27) 2,4-Dimethylphenol	7.810	122	15263m	4.743	ng		
28) bis(2-Chloroethoxy)met...	7.910	93	18232	4.035	ng		99
29) 2,4-Dichlorophenol	8.016	162	13004	4.118	ng		99
30) 1,2,4-Trichlorobenzene	8.110	180	15347	4.460	ng		99
31) Naphthalene	8.193	128	48242	4.278	ng		98
33) 4-Chloroaniline	8.234	127	17315	4.435	ng		98
34) Hexachlorobutadiene	8.310	225	9696	4.331	ng		97
36) 4-Chloro-3-methylphenol	8.698	107	13134	3.972	ng		99
37) 2-Methylnaphthalene	8.881	142	28485	3.735	ng		99
38) 1-Methylnaphthalene	8.981	142	31019	4.254	ng		99
40) 1,2,4,5-Tetrachloroben...	9.045	216	16119	4.361	ng		100
43) 2,4,6-Trichlorophenol	9.151	196	9252	4.063	ng		95
44) 2,4,5-Trichlorophenol	9.187	196	9457	4.022	ng		96
46) 1,1'-Biphenyl	9.345	154	42339	4.451	ng		98
47) 2-Chloronaphthalene	9.369	162	31463	4.227	ng		98
48) 2-Nitroaniline	9.457	65	6765	6.304	ng		99
49) Acenaphthylene	9.781	152	49688	4.632	ng		99
50) Dimethylphthalate	9.634	163	36283	4.284	ng		99
51) 2,6-Dinitrotoluene	9.698	165	5677	7.185	ng		92
52) Acenaphthene	9.957	154	29860	4.161	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
53)	3-Nitroaniline	9.863	138	6650	6.670	ng		93
55)	Dibenzofuran	10.128	168	45815	4.394	ng		98
57)	2,4-Dinitrotoluene	10.098	165	7085	6.992	ng	#	95
58)	Fluorene	10.469	166	36886	4.574	ng		97
59)	2,3,4,6-Tetrachlorophenol	10.239	232	7855	4.399	ng	#	97
60)	Diethylphthalate	10.339	149	34430	4.282	ng		99
61)	4-Chlorophenyl-phenyle...	10.463	204	17623	4.380	ng		97
62)	4-Nitroaniline	10.469	138	6042	6.228	ng		98
63)	Azobenzene	10.622	77	31679	4.180	ng		98
66)	n-Nitrosodiphenylamine	10.575	169	30654	4.176	ng		98
67)	4-Bromophenyl-phenylether	10.951	248	10843	4.111	ng		98
68)	Hexachlorobenzene	11.016	284	10994	3.968	ng		99
69)	Atrazine	11.098	200	8496	3.871	ng		93
71)	Phenanthrene	11.434	178	51133	4.158	ng		99
72)	Anthracene	11.481	178	53719	4.355	ng		99
73)	Carbazole	11.633	167	44179	4.249	ng		99
74)	Di-n-butylphthalate	11.969	149	46476	3.981	ng		100
75)	Fluoranthene	12.616	202	47961	4.246	ng		99
78)	Pyrene	12.845	202	47982	3.982	ng		99
80)	Butylbenzylphthalate	13.469	149	11113	5.995	ng		98
81)	Benzo(a)anthracene	14.033	228	39734	4.201	ng		100
83)	Chrysene	14.069	228	33695	3.963	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.027	149	15365	5.577	ng		99
87)	Indeno(1,2,3-cd)pyrene	16.992	276	37568	4.017	ng		98
88)	Benzo(b)fluoranthene	15.080	252	28355	3.508	ng		98
89)	Benzo(k)fluoranthene	15.110	252	32690	4.677	ng		98
90)	Benzo(a)pyrene	15.451	252	28892	4.159	ng		97
91)	Dibenzo(a,h)anthracene	17.015	278	30718	3.994	ng		98
92)	Benzo(g,h,i)perylene	17.439	276	29649	4.002	ng		99

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

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