Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090425\
Data File : BF143639.D
Acq On : 04 Sep 2025 12:46
Operator : RC/JU
Sample : Q2893-02
Misc : LOQ-SOIL 5PPM
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 04 13:17:22 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 09/05/2025
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	70586	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	272791	20.000	ng		0.00
39) Acenaphthene-d10	9.927	164	154726	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	253081	20.000	ng		0.00
76) Chrysene-d12	14.045	240	168907	20.000	ng		0.00
86) Perylene-d12	15.521	264	153590	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	505828	126.952	ng		0.00
7) Phenol-d6	6.510	99	636886	128.788	ng		0.00
23) Nitrobenzene-d5	7.451	82	388113	99.996	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	186601	144.221	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	848082	87.570	ng		0.00
79) Terphenyl-d14	12.998	244	876410	86.456	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	8997	4.786	ng		94
3) Pyridine	3.481	79	21113	4.239	ng		92
6) Aniline	6.551	93	33559	4.875	ng		98
8) 2-Chlorophenol	6.675	128	21071	5.107	ng		91
10) Phenol	6.522	94	26564	4.900	ng	#	72
11) bis(2-Chloroethyl)ether	6.622	93	20078	4.728	ng		98
12) 1,3-Dichlorobenzene	6.833	146	24811	4.872	ng		98
13) 1,4-Dichlorobenzene	6.910	146	25103	4.915	ng		97
14) 1,2-Dichlorobenzene	7.057	146	23723	4.908	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	29623	4.433	ng		98
17) 2-Methylphenol	7.128	107	16972	4.704	ng		100
18) Hexachloroethane	7.404	117	7555	4.741	ng		98
22) Acetophenone	7.292	105	30864	5.003	ng	#	96
24) Nitrobenzene	7.469	77	21769	5.246	ng		97
25) Isophorone	7.704	82	40337	4.612	ng		99
26) 2-Nitrophenol	7.781	139	6910	7.506	ng		94
27) 2,4-Dimethylphenol	7.810	122	19761	5.189	ng		100
28) bis(2-Chloroethoxy)met...	7.916	93	25698	4.806	ng		98
29) 2,4-Dichlorophenol	8.016	162	17202	4.604	ng		98
30) 1,2,4-Trichlorobenzene	8.110	180	20090	4.933	ng		97
31) Naphthalene	8.192	128	64658	4.846	ng		99
33) 4-Chloroaniline	8.233	127	24426	5.287	ng		99
34) Hexachlorobutadiene	8.310	225	12115	4.574	ng		97
36) 4-Chloro-3-methylphenol	8.704	107	17529	4.480	ng		96
37) 2-Methylnaphthalene	8.880	142	39119	4.334	ng		100
38) 1-Methylnaphthalene	8.980	142	41518	4.811	ng		97
40) 1,2,4,5-Tetrachloroben...	9.045	216	21362	4.996	ng		100
43) 2,4,6-Trichlorophenol	9.151	196	12113	4.598	ng		96
44) 2,4,5-Trichlorophenol	9.186	196	13619	5.007	ng		98
46) 1,1'-Biphenyl	9.345	154	54673	4.968	ng		99
47) 2-Chloronaphthalene	9.369	162	42406	4.924	ng		98
48) 2-Nitroaniline	9.457	65	8995	6.771	ng		95
49) Acenaphthylene	9.786	152	66817	5.384	ng		99
50) Dimethylphthalate	9.639	163	47611	4.860	ng		99
51) 2,6-Dinitrotoluene	9.698	165	7994m	7.922	ng		
52) Acenaphthene	9.957	154	39635	4.774	ng		99

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53) 3-Nitroaniline	9.869	138	8508	7.056	ng		98
55) Dibenzofuran	10.127	168	59218	4.910	ng		99
57) 2,4-Dinitrotoluene	10.098	165	8718	7.191	ng		97
58) Fluorene	10.474	166	46591	4.994	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	10340	5.006	ng	#	98
60) Diethylphthalate	10.339	149	44048	4.736	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	22630	4.861	ng		98
62) 4-Nitroaniline	10.474	138	7529	6.492	ng		97
63) Azobenzene	10.627	77	42197	4.813	ng		98
66) n-Nitrosodiphenylamine	10.580	169	40489	4.957	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	13399	4.565	ng		99
68) Hexachlorobenzene	11.016	284	14765	4.789	ng		99
69) Atrazine	11.104	200	10784	4.416	ng		99
71) Phenanthrene	11.433	178	67846	4.958	ng		99
72) Anthracene	11.486	178	65364	4.762	ng		99
73) Carbazole	11.633	167	55549	4.802	ng		99
74) Di-n-butylphthalate	11.974	149	57215	4.405	ng		99
75) Fluoranthene	12.621	202	60889	4.845	ng		99
78) Pyrene	12.851	202	61064	4.381	ng		99
80) Butylbenzylphthalate	13.468	149	14129	6.262	ng		99
81) Benzo(a)anthracene	14.033	228	51770	4.732	ng		97
83) Chrysene	14.074	228	42999	4.372	ng		98
84) Bis(2-ethylhexyl)phtha...	14.033	149	21422	6.127	ng		98
87) Indeno(1,2,3-cd)pyrene	17.003	276	46873	4.378	ng		99
88) Benzo(b)fluoranthene	15.086	252	37881	4.094	ng		99
89) Benzo(k)fluoranthene	15.115	252	40382	5.046	ng		99
90) Benzo(a)pyrene	15.456	252	36325	4.567	ng		98
91) Dibenzo(a,h)anthracene	17.027	278	38209	4.339	ng		97
92) Benzo(g,h,i)perylene	17.450	276	37146	4.379	ng		99

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

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