Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090525\
Data File : BG064292.D
Acq On : 5 Sep 2025 14:26
Operator : RC/JU
Sample : Q2893-03
Misc : MDL-SOIL 4PPM
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 05 15:09:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

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

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.855	152	25998	20.000	ng	0.00
21) Naphthalene-d8	10.640	136	115337	20.000	ng	#-0.01
39) Acenaphthene-d10	14.476	164	89399	20.000	ng	0.00
64) Phenanthrene-d10	17.220	188	215692	20.000	ng	# 0.00
76) Chrysene-d12	21.450	240	222945	20.000	ng	0.00
86) Perylene-d12	24.459	264	243410	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	171813	118.566	ng	0.00
7) Phenol-d6	7.020	99	240968	121.041	ng	-0.01
23) Nitrobenzene-d5	9.006	82	188503	91.149	ng	-0.01
42) 2,4,6-Tribromophenol	15.963	330	165735	139.963	ng	-0.01
45) 2-Fluorobiphenyl	13.101	172	492654	84.113	ng	-0.01
79) Terphenyl-d14	19.840	244	992945	92.921	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.366	88	2844	4.709	ng	# 66
3) Pyridine	3.748	79	5806	3.266	ng	# 56
4) n-Nitrosodimethylamine	3.665	42	4513	3.838	ng	99
6) Aniline	7.185	93	9649	3.505	ng	91
8) 2-Chlorophenol	7.420	128	6786	3.832	ng	87
9) Benzaldehyde	6.991	77	6705	4.093	ng	92
10) Phenol	7.050	94	7941	3.618	ng	76
11) bis(2-Chloroethyl)ether	7.279	93	5807	3.521	ng	82
12) 1,3-Dichlorobenzene	7.737	146	7957	4.224	ng	95
13) 1,4-Dichlorobenzene	7.884	146	7895	4.153	ng	90
14) 1,2-Dichlorobenzene	8.207	146	8005	4.363	ng	95
15) Benzyl Alcohol	8.084	79	6844	3.725	ng	# 85
16) 2,2'-oxybis(1-Chloropr...	8.377	45	10992	2.919	ng	92
17) 2-Methylphenol	8.289	107	5716	3.494	ng	88
18) Hexachloroethane	8.924	117	2754	3.711	ng	97
19) n-Nitroso-di-n-propyla...	8.648	70	5336	3.502	ng	# 84
20) 3+4-Methylphenols	8.624	107	7719	3.396	ng	95
22) Acetophenone	8.665	105	11271	3.863	ng	# 94
24) Nitrobenzene	9.041	77	8700	4.026	ng	89
25) Isophorone	9.570	82	15582	3.625	ng	96
26) 2-Nitrophenol	9.758	139	3520	3.770	ng	93
27) 2,4-Dimethylphenol	9.817	122	6577	4.012	ng	# 85
28) bis(2-Chloroethoxy)met...	10.052	93	7845	3.385	ng	# 92
29) 2,4-Dichlorophenol	10.287	162	6607	3.820	ng	# 81
30) 1,2,4-Trichlorobenzene	10.504	180	7824	4.290	ng	93
31) Naphthalene	10.687	128	23332	3.901	ng	96
32) Benzoic acid	9.917	122	1900m	1.460	ng	
33) 4-Chloroaniline	10.798	127	9150	3.947	ng	91
34) Hexachlorobutadiene	10.980	225	6141	4.556	ng	# 84
35) Caprolactam	11.538	113	2309	3.448	ng	# 89
36) 4-Chloro-3-methylphenol	11.920	107	8030	3.578	ng	99
37) 2-Methylnaphthalene	12.296	142	15159	3.410	ng	98
38) 1-Methylnaphthalene	12.514	142	15652	3.565	ng	# 97
40) 1,2,4,5-Tetrachloroben...	12.667	216	9863	3.824	ng	93
41) Hexachlorocyclopentadiene	12.649	237	5273	4.301	ng	85
43) 2,4,6-Trichlorophenol	12.913	196	6500m	3.770	ng	

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090525\
Data File : BG064292.D
Acq On : 5 Sep 2025 14:26
Operator : RC/JU
Sample : Q2893-03
Misc : MDL-SOIL 4PPM
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 05 15:09:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

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

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.984	196	7350	3.930	ng	#	92
46) 1,1'-Biphenyl	13.313	154	25176	3.866	ng		93
47) 2-Chloronaphthalene	13.354	162	18336	3.746	ng		99
48) 2-Nitroaniline	13.554	65	5182	3.106	ng		87
49) Acenaphthylene	14.194	152	30608	4.230	ng	#	92
50) Dimethylphthalate	13.930	163	25671	3.794	ng	#	97
51) 2,6-Dinitrotoluene	14.047	165	5459	4.167	ng	#	85
52) Acenaphthene	14.541	154	18409	3.605	ng		96
53) 3-Nitroaniline	14.376	138	4641	3.382	ng	#	95
54) 2,4-Dinitrophenol	14.594	184	1619	7.409	ng	#	77
55) Dibenzofuran	14.876	168	30834	3.839	ng		94
56) 4-Nitrophenol	14.688	139	2796	2.484	ng	#	80
57) 2,4-Dinitrotoluene	14.835	165	7868	3.972	ng	#	92
58) Fluorene	15.522	166	26324	3.998	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.099	232	7366	4.095	ng	#	92
60) Diethylphthalate	15.299	149	26939	3.720	ng		96
61) 4-Chlorophenyl-phenyle...	15.516	204	13611	4.147	ng		91
62) 4-Nitroaniline	15.540	138	4636	3.311	ng	#	72
63) Azobenzene	15.816	77	23699	3.672	ng		95
65) 4,6-Dinitro-2-methylph...	15.604	198	3863	3.119	ng		84
66) n-Nitrosodiphenylamine	15.734	169	22227	3.746	ng		93
67) 4-Bromophenyl-phenylether	16.415	248	8167	3.565	ng		94
68) Hexachlorobenzene	16.527	284	10222	4.018	ng		98
69) Atrazine	16.680	200	9777	3.946	ng		97
70) Pentachlorophenol	16.873	266	4728	3.065	ng	#	84
71) Phenanthrene	17.261	178	42335	3.721	ng		98
72) Anthracene	17.349	178	42603	3.682	ng		98
73) Carbazole	17.620	167	35890	3.521	ng		93
74) Di-n-butylphthalate	18.184	149	44356	3.622	ng		97
75) Fluoranthene	19.271	202	50699	3.790	ng		96
77) Benzidine	19.453	184	18163	3.873	ng	#	93
78) Pyrene	19.629	202	50435	3.591	ng		99
80) Butylbenzylphthalate	20.528	149	19959	3.767	ng		99
81) Benzo(a)anthracene	21.427	228	53364	3.741	ng		97
82) 3,3'-Dichlorobenzidine	21.356	252	19354	4.166	ng		100
83) Chrysene	21.491	228	51550	3.765	ng		96
84) Bis(2-ethylhexyl)phtha...	21.356	149	28810	3.622	ng		96
85) Di-n-octyl phthalate	22.496	149	51489	3.715	ng		100
87) Indeno(1,2,3-cd)pyrene	27.831	276	63629	3.828	ng	#	87
88) Benzo(b)fluoranthene	23.507	252	50168	3.652	ng		94
89) Benzo(k)fluoranthene	23.566	252	53781	3.843	ng		98
90) Benzo(a)pyrene	24.312	252	49725	3.891	ng		96
91) Dibenzo(a,h)anthracene	27.902	278	51413	3.852	ng		96
92) Benzo(g,h,i)perylene	28.883	276	51747	3.985	ng	#	95

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090525\
Data File : BG064292.D
Acq On : 5 Sep 2025 14:26
Operator : RC/JU
Sample : Q2893-03
Misc : MDL-SOIL 4PPM
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 05 15:09:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

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

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025