Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090325\
Data File : BG064262.D
Acq On : 3 Sep 2025 20:34
Operator : RC/JU
Sample : Q2893-02
Misc : LOQ-SOIL 5PPM
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Sep 04 01:15:08 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 :
LOQ-SOIL-02-QT3-2025

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.852	152	36528	20.000	ng		0.00
21) Naphthalene-d8	10.643	136	163400	20.000	ng		0.00
39) Acenaphthene-d10	14.480	164	118321	20.000	ng		0.00
64) Phenanthrene-d10	17.218	188	272374	20.000	ng		0.00
76) Chrysene-d12	21.448	240	279469	20.000	ng		0.00
86) Perylene-d12	24.451	264	301974	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.444	112	230620	113.270	ng		0.00
7) Phenol-d6	7.024	99	325175	116.253	ng		0.00
23) Nitrobenzene-d5	9.010	82	239399	81.710	ng		0.00
42) 2,4,6-Tribromophenol	15.966	330	182902	116.705	ng		0.00
45) 2-Fluorobiphenyl	13.105	172	600558	77.473	ng		0.00
79) Terphenyl-d14	19.838	244	1083026	80.852	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.358	88	3704	4.365	ng		93
3) Pyridine	3.757	79	9773	3.912	ng	#	54
6) Aniline	7.183	93	16624	4.298	ng		96
8) 2-Chlorophenol	7.418	128	10797	4.340	ng		95
10) Phenol	7.048	94	13095	4.246	ng		88
11) bis(2-Chloroethyl)ether	7.277	93	8997	3.882	ng	#	77
12) 1,3-Dichlorobenzene	7.741	146	11370	4.296	ng		97
13) 1,4-Dichlorobenzene	7.894	146	11868	4.443	ng		91
14) 1,2-Dichlorobenzene	8.205	146	11569	4.487	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.381	45	20154	3.809	ng		92
17) 2-Methylphenol	8.293	107	8727	3.797	ng	#	91
18) Hexachloroethane	8.934	117	4455	4.272	ng		91
22) Acetophenone	8.669	105	16668	4.032	ng	#	93
24) Nitrobenzene	9.045	77	13558	4.429	ng		92
25) Isophorone	9.568	82	25879	4.250	ng		97
26) 2-Nitrophenol	9.762	139	5261	3.977	ng	#	89
27) 2,4-Dimethylphenol	9.821	122	10080	4.341	ng		94
28) bis(2-Chloroethoxy)met...	10.056	93	13297	4.050	ng	#	89
29) 2,4-Dichlorophenol	10.291	162	9954	4.062	ng		85
30) 1,2,4-Trichlorobenzene	10.508	180	11573	4.479	ng		95
31) Naphthalene	10.690	128	34265	4.044	ng		96
33) 4-Chloroaniline	10.796	127	13770	4.193	ng		95
34) Hexachlorobutadiene	10.984	225	8133	4.259	ng	#	85
36) 4-Chloro-3-methylphenol	11.918	107	12690	3.992	ng	#	93
37) 2-Methylnaphthalene	12.306	142	22416	3.559	ng		98
38) 1-Methylnaphthalene	12.523	142	24969	4.014	ng	#	98
40) 1,2,4,5-Tetrachloroben...	12.670	216	14531	4.256	ng		98
43) 2,4,6-Trichlorophenol	12.911	196	8453	3.704	ng		85
44) 2,4,5-Trichlorophenol	12.982	196	9895	3.998	ng		86
46) 1,1'-Biphenyl	13.311	154	36461	4.231	ng		98
47) 2-Chloronaphthalene	13.352	162	26778	4.133	ng		95
48) 2-Nitroaniline	13.558	65	8997	4.074	ng		90
49) Acenaphthylene	14.198	152	44211	4.616	ng		97
50) Dimethylphthalate	13.934	163	36734	4.102	ng		97
51) 2,6-Dinitrotoluene	14.045	165	7302	4.212	ng		96
52) Acenaphthene	14.539	154	27786	4.111	ng		95

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53) 3-Nitroaniline	14.380	138	7075	3.896	ng		97
55) Dibenzofuran	14.874	168	43393	4.082	ng		99
57) 2,4-Dinitrotoluene	14.838	165	10598	4.043	ng	#	86
58) Fluorene	15.526	166	36020	4.134	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.103	232	9485	3.984	ng	#	99
60) Diethylphthalate	15.297	149	38566	4.024	ng		100
61) 4-Chlorophenyl-phenyle...	15.520	204	18462	4.250	ng		91
62) 4-Nitroaniline	15.532	138	6578	3.549	ng		90
63) Azobenzene	15.814	77	34601	4.050	ng		97
66) n-Nitrosodiphenylamine	15.731	169	31591	4.216	ng		94
67) 4-Bromophenyl-phenylether	16.413	248	12082	4.176	ng		99
68) Hexachlorobenzene	16.531	284	13683	4.259	ng	#	87
69) Atrazine	16.677	200	13070	4.178	ng		97
71) Phenanthrene	17.259	178	61903	4.309	ng		96
72) Anthracene	17.347	178	61757m	4.226	ng		
73) Carbazole	17.623	167	53649	4.167	ng		96
74) Di-n-butylphthalate	18.187	149	62491	4.040	ng	#	98
75) Fluoranthene	19.268	202	68891	4.078	ng		98
78) Pyrene	19.633	202	71051	4.035	ng		97
80) Butylbenzylphthalate	20.526	149	28307	4.263	ng		91
81) Benzo(a)anthracene	21.431	228	74882	4.188	ng		96
83) Chrysene	21.489	228	70919	4.132	ng		99
84) Bis(2-ethylhexyl)phtha...	21.354	149	44498	4.463	ng		100
87) Indeno(1,2,3-cd)pyrene	27.835	276	83086	4.029	ng	#	86
88) Benzo(b)fluoranthene	23.499	252	68520	4.020	ng	#	97
89) Benzo(k)fluoranthene	23.563	252	75805m	4.366	ng		
90) Benzo(a)pyrene	24.310	252	68451	4.318	ng		98
91) Dibenzo(a,h)anthracene	27.882	278	67143	4.055	ng		94
92) Benzo(g,h,i)perylene	28.887	276	65038	4.037	ng		95

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

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