Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090525\
Data File : BG064290.D
Acq On : 5 Sep 2025 13:04
Operator : RC/JU
Sample : Q2126-03
Misc : MDL-SOIL 4PPM
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 05 13:39:54 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-QT2-2025

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	7.852	152	26371	20.000	ng		0.00
21) Naphthalene-d8	10.637	136	112693	20.000	ng		-0.01
39) Acenaphthene-d10	14.474	164	84385	20.000	ng		0.00
64) Phenanthrene-d10	17.218	188	203702	20.000	ng		0.00
76) Chrysene-d12	21.448	240	226477	20.000	ng	#	0.00
86) Perylene-d12	24.462	264	247058	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.438	112	169916	115.599	ng		0.00
7) Phenol-d6	7.024	99	235056	116.401	ng		0.00
23) Nitrobenzene-d5	9.004	82	183990	91.054	ng		-0.01
42) 2,4,6-Tribromophenol	15.966	330	158285	141.614	ng		0.00
45) 2-Fluorobiphenyl	13.099	172	470254	85.059	ng		-0.01
79) Terphenyl-d14	19.838	244	999829	92.106	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.364	88	2653	4.330	ng	#	80
3) Pyridine	3.751	79	5676m	3.147	ng		
4) n-Nitrosodimethylamine	3.669	42	4689	3.931	ng		97
6) Aniline	7.183	93	10819	3.874	ng	#	85
8) 2-Chlorophenol	7.418	128	6390	3.558	ng		86
9) Benzaldehyde	6.995	77	6354	3.823	ng	#	76
10) Phenol	7.047	94	7952	3.572	ng		87
11) bis(2-Chloroethyl)ether	7.277	93	5758	3.442	ng		93
12) 1,3-Dichlorobenzene	7.747	146	7142m	3.738	ng		
13) 1,4-Dichlorobenzene	7.888	146	7888	4.090	ng		93
14) 1,2-Dichlorobenzene	8.205	146	7234m	3.887	ng		
15) Benzyl Alcohol	8.082	79	5773	3.098	ng		89
16) 2,2'-oxybis(1-Chloropr...	8.375	45	10906	2.855	ng		83
17) 2-Methylphenol	8.293	107	5624	3.389	ng	#	78
18) Hexachloroethane	8.928	117	3024	4.017	ng		92
19) n-Nitroso-di-n-propyla...	8.646	70	6070	3.928	ng	#	90
20) 3+4-Methylphenols	8.616	107	7291	3.162	ng		89
22) Acetophenone	8.669	105	10798	3.787	ng	#	84
24) Nitrobenzene	9.045	77	8521	4.036	ng		90
25) Isophorone	9.568	82	15958	3.800	ng		95
26) 2-Nitrophenol	9.750	139	3527	3.866	ng	#	93
27) 2,4-Dimethylphenol	9.815	122	6853	4.279	ng		94
28) bis(2-Chloroethoxy)met...	10.056	93	8560	3.780	ng		99
29) 2,4-Dichlorophenol	10.291	162	5988	3.543	ng		97
30) 1,2,4-Trichlorobenzene	10.508	180	7093	3.981	ng		94
31) Naphthalene	10.690	128	22357	3.826	ng		96
32) Benzoic acid	9.926	122	2396m	1.885	ng		
33) 4-Chloroaniline	10.796	127	8911	3.934	ng		95
34) Hexachlorobutadiene	10.978	225	5671	4.306	ng		92
35) Caprolactam	11.542	113	2268	3.466	ng	#	73
36) 4-Chloro-3-methylphenol	11.924	107	8101	3.695	ng	#	83
37) 2-Methylnaphthalene	12.300	142	14181	3.265	ng		96
38) 1-Methylnaphthalene	12.518	142	15718	3.664	ng	#	95
40) 1,2,4,5-Tetrachloroben...	12.664	216	9736	3.999	ng		99
41) Hexachlorocyclopentadiene	12.647	237	4771	4.123	ng		82
43) 2,4,6-Trichlorophenol	12.911	196	6135	3.770	ng		88

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.982	196	6270	3.552	ng	#	86
46) 1,1'-Biphenyl	13.311	154	23473	3.819	ng		95
47) 2-Chloronaphthalene	13.352	162	17508	3.789	ng		98
48) 2-Nitroaniline	13.552	65	5439	3.454	ng		90
49) Acenaphthylene	14.198	152	28833	4.221	ng		96
50) Dimethylphthalate	13.934	163	23902	3.742	ng		96
51) 2,6-Dinitrotoluene	14.045	165	4366	3.531	ng	#	83
52) Acenaphthene	14.545	154	17421	3.614	ng	#	95
53) 3-Nitroaniline	14.380	138	4013	3.098	ng		88
54) 2,4-Dinitrophenol	14.586	184	1747	7.661	ng		91
55) Dibenzofuran	14.874	168	28618	3.775	ng		97
56) 4-Nitrophenol	14.691	139	2703	2.544	ng	#	79
57) 2,4-Dinitrotoluene	14.832	165	7229	3.867	ng	#	75
58) Fluorene	15.520	166	24882	4.004	ng		93
59) 2,3,4,6-Tetrachlorophenol	15.103	232	6732	3.965	ng	#	92
60) Diethylphthalate	15.297	149	25998	3.803	ng	#	97
61) 4-Chlorophenyl-phenyle...	15.520	204	12382	3.996	ng		96
62) 4-Nitroaniline	15.538	138	3962	2.998	ng		95
63) Azobenzene	15.808	77	22239	3.650	ng		90
65) 4,6-Dinitro-2-methylph...	15.596	198	3846	3.289	ng		84
66) n-Nitrosodiphenylamine	15.731	169	21471	3.832	ng		99
67) 4-Bromophenyl-phenylether	16.407	248	8824	4.078	ng	#	84
68) Hexachlorobenzene	16.525	284	9830	4.091	ng	#	85
69) Atrazine	16.677	200	9682	4.138	ng		98
70) Pentachlorophenol	16.871	266	4910	3.370	ng	#	86
71) Phenanthrene	17.259	178	42452	3.951	ng		97
72) Anthracene	17.347	178	41406	3.789	ng		98
73) Carbazole	17.617	167	37507	3.896	ng		98
74) Di-n-butylphthalate	18.187	149	45828	3.962	ng		100
75) Fluoranthene	19.268	202	51098	4.045	ng		97
77) Benzidine	19.456	184	17612	3.697	ng		95
78) Pyrene	19.633	202	52916	3.709	ng		97
80) Butylbenzylphthalate	20.532	149	20601	3.828	ng		90
81) Benzo(a)anthracene	21.431	228	55136	3.805	ng		96
82) 3,3'-Dichlorobenzidine	21.354	252	18994	4.025	ng		91
83) Chrysene	21.489	228	51089	3.673	ng		98
84) Bis(2-ethylhexyl)phtha...	21.360	149	30939	3.829	ng	#	92
85) Di-n-octyl phthalate	22.494	149	49797	3.537	ng		99
87) Indeno(1,2,3-cd)pyrene	27.835	276	64439	3.819	ng	#	93
88) Benzo(b)fluoranthene	23.505	252	53988	3.872	ng		97
89) Benzo(k)fluoranthene	23.569	252	49988m	3.519	ng		
90) Benzo(a)pyrene	24.315	252	51105	3.940	ng		98
91) Dibenzo(a,h)anthracene	27.900	278	51066	3.770	ng	#	92
92) Benzo(g,h,i)perylene	28.898	276	50993	3.868	ng		97

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

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