Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090525\
Data File : BG064293.D
Acq On : 5 Sep 2025 15:08
Operator : RC/JU
Sample : Q2893-03
Misc : MDL-SOIL 8PPM
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 05 15:59:33 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	7.853	152	26105	20.000	ng		0.00
21) Naphthalene-d8	10.638	136	115414	20.000	ng		-0.01
39) Acenaphthene-d10	14.475	164	85143	20.000	ng		0.00
64) Phenanthrene-d10	17.219	188	209502	20.000	ng		# 0.00
76) Chrysene-d12	21.449	240	223019	20.000	ng		0.00
86) Perylene-d12	24.451	264	242512	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.438	112	172382	118.471	ng		0.00
7) Phenol-d6	7.025	99	244232	122.177	ng		0.00
23) Nitrobenzene-d5	9.005	82	183866	88.848	ng		-0.01
42) 2,4,6-Tribromophenol	15.967	330	163308	144.808	ng		0.00
45) 2-Fluorobiphenyl	13.100	172	483266	86.635	ng		-0.01
79) Terphenyl-d14	19.839	244	971431	90.878	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.358	88	4468	7.367	ng		91
3) Pyridine	3.746	79	12431	6.963	ng	#	49
4) n-Nitrosodimethylamine	3.664	42	9150	7.749	ng	#	97
6) Aniline	7.177	93	19953	7.218	ng	#	88
8) 2-Chlorophenol	7.418	128	13017	7.321	ng		88
9) Benzaldehyde	6.995	77	12035	7.316	ng		93
10) Phenol	7.048	94	15619	7.087	ng	#	79
11) bis(2-Chloroethyl)ether	7.277	93	10772	6.504	ng		88
12) 1,3-Dichlorobenzene	7.747	146	14844	7.847	ng		89
13) 1,4-Dichlorobenzene	7.888	146	14909	7.810	ng		98
14) 1,2-Dichlorobenzene	8.206	146	14502	7.871	ng		96
15) Benzyl Alcohol	8.088	79	13227	7.170	ng		91
16) 2,2'-oxybis(1-Chloropr...	8.376	45	22573	5.970	ng		94
17) 2-Methylphenol	8.294	107	11116	6.768	ng		90
18) Hexachloroethane	8.928	117	5793	7.774	ng		93
19) n-Nitroso-di-n-propyla...	8.646	70	11423	7.467	ng	#	96
20) 3+4-Methylphenols	8.617	107	15574	6.824	ng		92
22) Acetophenone	8.664	105	22675	7.766	ng	#	94
24) Nitrobenzene	9.046	77	16772	7.757	ng	#	87
25) Isophorone	9.569	82	31521	7.329	ng		97
26) 2-Nitrophenol	9.757	139	7216	7.724	ng	#	84
27) 2,4-Dimethylphenol	9.816	122	13223	8.061	ng		97
28) bis(2-Chloroethoxy)met...	10.051	93	16054	6.922	ng		91
29) 2,4-Dichlorophenol	10.286	162	12629	7.297	ng		98
30) 1,2,4-Trichlorobenzene	10.503	180	15018	8.230	ng		97
31) Naphthalene	10.691	128	45169	7.547	ng		96
32) Benzoic acid	9.910	122	7004m	5.379	ng		
33) 4-Chloroaniline	10.791	127	18333	7.903	ng	#	92
34) Hexachlorobutadiene	10.979	225	11168	8.279	ng		98
35) Caprolactam	11.543	113	4826	7.201	ng	#	90
36) 4-Chloro-3-methylphenol	11.925	107	16844	7.501	ng		88
37) 2-Methylnaphthalene	12.295	142	30594	6.877	ng		99
38) 1-Methylnaphthalene	12.518	142	32205	7.329	ng		95
40) 1,2,4,5-Tetrachloroben...	12.665	216	19812	8.065	ng		97
41) Hexachlorocyclopentadiene	12.647	237	10671	9.140	ng		90
43) 2,4,6-Trichlorophenol	12.906	196	12661	7.711	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.977	196	13242	7.434	ng		96
46) 1,1'-Biphenyl	13.311	154	48078	7.753	ng		97
47) 2-Chloronaphthalene	13.347	162	33791	7.248	ng		97
48) 2-Nitroaniline	13.552	65	11935	7.511	ng		100
49) Acenaphthylene	14.199	152	58707	8.518	ng		98
50) Dimethylphthalate	13.928	163	49852	7.735	ng		97
51) 2,6-Dinitrotoluene	14.052	165	9983	8.002	ng	#	75
52) Acenaphthene	14.539	154	35048	7.206	ng		93
53) 3-Nitroaniline	14.381	138	10231	7.829	ng		88
54) 2,4-Dinitrophenol	14.586	184	3949	10.154	ng	#	66
55) Dibenzofuran	14.874	168	60516	7.911	ng		94
56) 4-Nitrophenol	14.686	139	6644	6.198	ng	#	86
57) 2,4-Dinitrotoluene	14.839	165	14464	7.667	ng	#	84
58) Fluorene	15.521	166	48905	7.800	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.103	232	13601m	7.939	ng		
60) Diethylphthalate	15.297	149	53583	7.769	ng		97
61) 4-Chlorophenyl-phenyle...	15.521	204	24251	7.757	ng		99
62) 4-Nitroaniline	15.538	138	9890	7.416	ng		96
63) Azobenzene	15.814	77	46839	7.619	ng		98
65) 4,6-Dinitro-2-methylph...	15.597	198	8686	7.221	ng		87
66) n-Nitrosodiphenylamine	15.732	169	42437	7.363	ng		96
67) 4-Bromophenyl-phenylether	16.414	248	17130	7.698	ng		98
68) Hexachlorobenzene	16.525	284	19609	7.936	ng		92
69) Atrazine	16.678	200	19760	8.211	ng		91
70) Pentachlorophenol	16.872	266	10718	7.154	ng		94
71) Phenanthrene	17.260	178	82179	7.437	ng		98
72) Anthracene	17.348	178	83508	7.429	ng		99
73) Carbazole	17.618	167	75171	7.592	ng		99
74) Di-n-butylphthalate	18.188	149	89338	7.510	ng		99
75) Fluoranthene	19.269	202	98132	7.553	ng		97
77) Benzidine	19.451	184	45558	9.711	ng		97
78) Pyrene	19.633	202	103790	7.387	ng		97
80) Butylbenzylphthalate	20.532	149	39274	7.411	ng		92
81) Benzo(a)anthracene	21.431	228	104441	7.320	ng		98
82) 3,3'-Dichlorobenzidine	21.355	252	36916	7.945	ng		86
83) Chrysene	21.490	228	101906	7.440	ng		98
84) Bis(2-ethylhexyl)phtha...	21.355	149	58341	7.333	ng		94
85) Di-n-octyl phthalate	22.495	149	98798	7.127	ng		97
87) Indeno(1,2,3-cd)pyrene	27.841	276	121657	7.346	ng	#	93
88) Benzo(b)fluoranthene	23.505	252	100009	7.307	ng		98
89) Benzo(k)fluoranthene	23.564	252	102972	7.385	ng		98
90) Benzo(a)pyrene	24.316	252	100095	7.862	ng	#	95
91) Dibenzo(a,h)anthracene	27.894	278	99677	7.496	ng		98
92) Benzo(g,h,i)perylene	28.893	276	98761	7.633	ng		96

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

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