Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090325\
Data File : BG064276.D
Acq On : 4 Sep 2025 8:17
Operator : RC/JU
Sample : Q2126-02
Misc : LOQ-SOIL 5PPM
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Sep 04 11:23:58 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-QT2-2025

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	7.848	152	30853	20.000	ng		-0.01
21) Naphthalene-d8	10.639	136	147577	20.000	ng		-0.01
39) Acenaphthene-d10	14.475	164	120767	20.000	ng		0.00
64) Phenanthrene-d10	17.219	188	281842	20.000	ng		0.00
76) Chrysene-d12	21.444	240	223170	20.000	ng		-0.01
86) Perylene-d12	24.452	264	244926	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.433	112	217742	126.616	ng		-0.01
7) Phenol-d6	7.019	99	334214	141.462	ng		-0.01
23) Nitrobenzene-d5	9.005	82	264408	99.922	ng		-0.01
42) 2,4,6-Tribromophenol	15.968	330	247812	154.920	ng		0.00
45) 2-Fluorobiphenyl	13.100	172	733826	92.747	ng		-0.01
79) Terphenyl-d14	19.840	244	1088715	101.781	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.353	88	3223	4.496	ng		91
3) Pyridine	3.747	79	9600	4.550	ng	#	61
6) Aniline	7.178	93	16774	5.134	ng	#	90
8) 2-Chlorophenol	7.413	128	12084	5.750	ng		93
10) Phenol	7.043	94	12956	4.974	ng		90
11) bis(2-Chloroethyl)ether	7.272	93	9413	4.809	ng		91
12) 1,3-Dichlorobenzene	7.736	146	11818m	5.286	ng		
13) 1,4-Dichlorobenzene	7.883	146	11792	5.226	ng		94
14) 1,2-Dichlorobenzene	8.200	146	11386	5.229	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.371	45	20634	4.617	ng		96
17) 2-Methylphenol	8.283	107	9121	4.698	ng		94
18) Hexachloroethane	8.923	117	4533	5.147	ng	#	78
19) n-Nitroso-di-n-propyla...	8.647	70	9759	5.397	ng	#	80
22) Acetophenone	8.659	105	19220	5.148	ng		97
24) Nitrobenzene	9.041	77	15074	5.452	ng		98
25) Isophorone	9.563	82	29348	5.336	ng	#	97
26) 2-Nitrophenol	9.751	139	6392	5.351	ng		97
27) 2,4-Dimethylphenol	9.816	122	11601	5.531	ng		96
28) bis(2-Chloroethoxy)met...	10.045	93	15097	5.091	ng	#	90
29) 2,4-Dichlorophenol	10.280	162	10934	4.941	ng		98
30) 1,2,4-Trichlorobenzene	10.498	180	12431	5.327	ng		96
31) Naphthalene	10.686	128	38818	5.072	ng	#	93
33) 4-Chloroaniline	10.791	127	17025	5.740	ng		98
34) Hexachlorobutadiene	10.974	225	10194	5.910	ng		92
36) 4-Chloro-3-methylphenol	11.919	107	15653	5.452	ng		98
37) 2-Methylnaphthalene	12.301	142	28488	5.008	ng		90
38) 1-Methylnaphthalene	12.519	142	29254m	5.207	ng		
40) 1,2,4,5-Tetrachloroben...	12.666	216	16703	4.794	ng		98
43) 2,4,6-Trichlorophenol	12.907	196	11835	5.082	ng		88
44) 2,4,5-Trichlorophenol	12.977	196	12862	5.091	ng		97
46) 1,1'-Biphenyl	13.312	154	44145	5.019	ng		94
47) 2-Chloronaphthalene	13.353	162	31310	4.735	ng		96
48) 2-Nitroaniline	13.547	65	11802	5.236	ng		90
49) Acenaphthylene	14.193	152	54733	5.599	ng	#	97
50) Dimethylphthalate	13.929	163	47973	5.248	ng	#	95
51) 2,6-Dinitrotoluene	14.046	165	10097	5.706	ng		95

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52) Acenaphthene	14.540	154	33998	4.928	ng		93
53) 3-Nitroaniline	14.375	138	9418	5.081	ng	#	97
55) Dibenzofuran	14.875	168	56522	5.209	ng		94
57) 2,4-Dinitrotoluene	14.834	165	14390	5.378	ng		90
58) Fluorene	15.521	166	48823	5.490	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.104	232	13811m	5.684	ng		
60) Diethylphthalate	15.298	149	48948	5.003	ng		97
61) 4-Chlorophenyl-phenyle...	15.521	204	24385	5.499	ng		95
62) 4-Nitroaniline	15.533	138	7910	4.182	ng		87
63) Azobenzene	15.815	77	45588	5.228	ng		95
66) n-Nitrosodiphenylamine	15.733	169	40679	5.247	ng		94
67) 4-Bromophenyl-phenylether	16.414	248	15815	5.283	ng		97
68) Hexachlorobenzene	16.526	284	18080	5.439	ng		98
69) Atrazine	16.679	200	13496	4.169	ng		97
71) Phenanthrene	17.260	178	77800	5.234	ng		98
72) Anthracene	17.348	178	77825	5.147	ng		98
73) Carbazole	17.619	167	58466	4.389	ng		99
74) Di-n-butylphthalate	18.189	149	62074	3.879	ng		99
75) Fluoranthene	19.270	202	74580	4.267	ng		95
78) Pyrene	19.628	202	73770	5.247	ng		97
80) Butylbenzylphthalate	20.527	149	27008	5.093	ng		98
81) Benzo(a)anthracene	21.426	228	73663	5.159	ng		99
83) Chrysene	21.491	228	66724	4.868	ng		95
84) Bis(2-ethylhexyl)phtha...	21.355	149	41588	5.223	ng		96
87) Indeno(1,2,3-cd)pyrene	27.830	276	84621	5.059	ng	#	81
88) Benzo(b)fluoranthene	23.500	252	69429m	5.023	ng		
89) Benzo(k)fluoranthene	23.565	252	71517	5.078	ng		99
90) Benzo(a)pyrene	24.311	252	68170	5.301	ng		95
91) Dibenzo(a,h)anthracene	27.889	278	70126	5.222	ng	#	92
92) Benzo(g,h,i)perylene	28.876	276	67911	5.197	ng		98

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

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