Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111925\
Data File : BG064819.D
Acq On : 19 Nov 2025 17:23
Operator : RC/JU
Sample : Q3530-01
Misc : LOD-SOIL-4PPM
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 19 18:07:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.164	152	38728	20.000	ng		0.00
21) Naphthalene-d8	10.978	136	154940	20.000	ng		0.00
39) Acenaphthene-d10	14.774	164	131512	20.000	ng		0.00
64) Phenanthrene-d10	17.500	188	328004	20.000	ng		0.00
76) Chrysene-d12	21.748	240	415512	20.000	ng		0.00
86) Perylene-d12	25.003	264	410017	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.696	112	257895	116.283	ng		0.00
7) Phenol-d6	7.306	99	350894	118.955	ng		0.00
23) Nitrobenzene-d5	9.322	82	267409	85.333	ng		0.00
42) 2,4,6-Tribromophenol	16.249	330	299260	116.676	ng		0.00
45) 2-Fluorobiphenyl	13.405	172	794399	84.286	ng		0.00
79) Terphenyl-d14	20.085	244	1968405	93.187	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.528	88	3569	4.157	ng		98
3) Pyridine	3.945	79	9611	3.757	ng	#	85
4) n-Nitrosodimethylamine	3.846	42	4504	3.459	ng	#	91
6) Aniline	7.477	93	15916	4.048	ng		89
8) 2-Chlorophenol	7.723	128	9981	4.099	ng		95
9) Benzaldehyde	7.289	77	9267	4.799	ng		99
10) Phenol	7.330	94	12182	3.796	ng		83
11) bis(2-Chloroethyl)ether	7.565	93	8777	3.843	ng		96
12) 1,3-Dichlorobenzene	8.052	146	11253	4.016	ng		94
13) 1,4-Dichlorobenzene	8.193	146	11523m	4.038	ng		
14) 1,2-Dichlorobenzene	8.517	146	11354	4.104	ng		88
15) Benzyl Alcohol	8.393	79	7792	3.218	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.687	45	19064	3.527	ng		94
17) 2-Methylphenol	8.599	107	8404	3.701	ng	#	92
18) Hexachloroethane	9.257	117	3994	3.696	ng		93
19) n-Nitroso-di-n-propyla...	8.957	70	7796	3.909	ng	#	87
20) 3+4-Methylphenols	8.928	107	11341	3.645	ng		91
22) Acetophenone	8.981	105	16049	3.802	ng	#	96
24) Nitrobenzene	9.363	77	12754	4.028	ng	#	82
25) Isophorone	9.891	82	20836	3.492	ng		98
26) 2-Nitrophenol	10.085	139	5337	3.747	ng		95
27) 2,4-Dimethylphenol	10.132	122	9648	3.813	ng		83
28) bis(2-Chloroethoxy)met...	10.367	93	12945	3.951	ng		95
29) 2,4-Dichlorophenol	10.626	162	9602	3.535	ng		95
30) 1,2,4-Trichlorobenzene	10.837	180	12802	3.903	ng		93
31) Naphthalene	11.031	128	34587	3.938	ng		97
32) Benzoic acid	10.267	122	1167m	6.455	ng		
33) 4-Chloroaniline	11.131	127	12865	3.662	ng		94
34) Hexachlorobutadiene	11.319	225	10525	3.740	ng		90
35) Caprolactam	11.866	113	2702m	3.326	ng		
36) 4-Chloro-3-methylphenol	12.236	107	10750	3.555	ng		94
37) 2-Methylnaphthalene	12.624	142	23239	3.536	ng		97
38) 1-Methylnaphthalene	12.841	142	25225	3.864	ng		95
40) 1,2,4,5-Tetrachloroben...	12.982	216	19580	3.826	ng	#	96
41) Hexachlorocyclopentadiene	12.970	237	8767	2.390	ng		88
43) 2,4,6-Trichlorophenol	13.217	196	10060	3.349	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.287	196	13172	3.910	ng	#	88
46) 1,1'-Biphenyl	13.611	154	37426	3.962	ng		98
47) 2-Chloronaphthalene	13.658	162	28182	3.787	ng		96
48) 2-Nitroaniline	13.846	65	8077	3.375	ng		96
49) Acenaphthylene	14.498	152	47024	3.699	ng		97
50) Dimethylphthalate	14.216	163	40143	3.864	ng	#	98
51) 2,6-Dinitrotoluene	14.333	165	7353	3.678	ng	#	83
52) Acenaphthene	14.833	154	27932	3.664	ng		95
53) 3-Nitroaniline	14.662	138	6387	3.237	ng		91
54) 2,4-Dinitrophenol	14.874	184	381	8.832	ng	#	54
55) Dibenzofuran	15.168	168	48926	3.882	ng		96
56) 4-Nitrophenol	14.962	139	3280	2.095	ng	#	74
57) 2,4-Dinitrotoluene	15.115	165	10458	3.490	ng	#	84
58) Fluorene	15.808	166	38484	3.894	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.385	232	12713	3.825	ng	#	96
60) Diethylphthalate	15.567	149	36889	3.707	ng		97
61) 4-Chlorophenyl-phenyle...	15.802	204	22170	3.738	ng		96
62) 4-Nitroaniline	15.808	138	6345	3.104	ng	#	83
63) Azobenzene	16.090	77	31852	3.848	ng		95
65) 4,6-Dinitro-2-methylph...	15.879	198	3669	2.015	ng		92
66) n-Nitrosodiphenylamine	16.008	169	33442	3.892	ng		95
67) 4-Bromophenyl-phenylether	16.689	248	16006	3.716	ng		91
68) Hexachlorobenzene	16.813	284	19222	3.683	ng	#	89
69) Atrazine	16.942	200	14430	3.484	ng		99
70) Pentachlorophenol	17.159	266	5752	7.862	ng		90
71) Phenanthrene	17.541	178	70369	3.921	ng		99
72) Anthracene	17.635	178	69046	3.773	ng		99
73) Carbazole	17.894	167	61179	3.889	ng		99
74) Di-n-butylphthalate	18.446	149	70569	4.021	ng		99
75) Fluoranthene	19.533	202	92784	3.781	ng		95
77) Benzidine	19.703	184	49108	3.946	ng		97
78) Pyrene	19.891	202	99066	4.254	ng		99
80) Butylbenzylphthalate	20.761	149	33116	4.043	ng		93
81) Benzo(a)anthracene	21.731	228	111132	3.933	ng		99
82) 3,3'-Dichlorobenzidine	21.637	252	38905	3.741	ng		98
83) Chrysene	21.795	228	106086	3.983	ng		96
84) Bis(2-ethylhexyl)phtha...	21.631	149	50132	4.188	ng		98
85) Di-n-octyl phthalate	22.847	149	82801	4.002	ng	#	99
87) Indeno(1,2,3-cd)pyrene	28.716	276	100044	3.551	ng	#	76
88) Benzo(b)fluoranthene	23.963	252	95765	3.670	ng	#	96
89) Benzo(k)fluoranthene	24.034	252	106114	4.048	ng	#	99
90) Benzo(a)pyrene	24.845	252	95596	3.950	ng	#	92
91) Dibenzo(a,h)anthracene	28.775	278	80328	3.481	ng	#	92
92) Benzo(g,h,i)perylene	29.880	276	81253	3.658	ng	#	95

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

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