Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111925\
Data File : BG064820.D
Acq On : 19 Nov 2025 18:04
Operator : RC/JU
Sample : Q3530-01
Misc : LOD-SOIL-8PPM
ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Nov 20 00:23:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 20 00:22:53 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.161	152	42910	20.000	ng		0.00
21) Naphthalene-d8	10.981	136	151777	20.000	ng		0.00
39) Acenaphthene-d10	14.771	164	126585	20.000	ng		0.00
64) Phenanthrene-d10	17.503	188	302163	20.000	ng		0.00
76) Chrysene-d12	21.745	240	368206	20.000	ng		-0.01
86) Perylene-d12	25.006	264	359838	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.699	112	312917	127.341	ng		0.00
7) Phenol-d6	7.309	99	381982	116.874	ng		0.00
23) Nitrobenzene-d5	9.324	82	269867	87.912	ng		0.00
42) 2,4,6-Tribromophenol	16.246	330	297645	120.563	ng		0.00
45) 2-Fluorobiphenyl	13.402	172	768707	84.734	ng		0.00
79) Terphenyl-d14	20.088	244	1824910	97.493	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.531	88	8911	9.367	ng		97
3) Pyridine	3.942	79	19779	6.978	ng		99
4) n-Nitrosodimethylamine	3.848	42	10178	7.055	ng	#	77
6) Aniline	7.473	93	30836	7.078	ng		96
8) 2-Chlorophenol	7.726	128	20663	7.658	ng		94
9) Benzaldehyde	7.285	77	16633	7.774	ng	#	82
10) Phenol	7.332	94	25142	7.070	ng		96
11) bis(2-Chloroethyl)ether	7.567	93	17671	6.983	ng		97
12) 1,3-Dichlorobenzene	8.055	146	24775	7.980	ng		96
13) 1,4-Dichlorobenzene	8.196	146	25020	7.914	ng		99
14) 1,2-Dichlorobenzene	8.519	146	24444	7.974	ng		94
15) Benzyl Alcohol	8.390	79	16919	6.307	ng		90
16) 2,2'-oxybis(1-Chloropr...	8.690	45	39727	6.633	ng		98
17) 2-Methylphenol	8.596	107	17099	6.796	ng		89
18) Hexachloroethane	9.260	117	9513	7.945	ng		95
19) n-Nitroso-di-n-propyla...	8.960	70	16253	7.355	ng	#	86
20) 3+4-Methylphenols	8.919	107	23185	6.726	ng		94
22) Acetophenone	8.983	105	32858	7.946	ng	#	98
24) Nitrobenzene	9.365	77	25307	8.159	ng		99
25) Isophorone	9.888	82	44346	7.586	ng		99
26) 2-Nitrophenol	10.082	139	10777	7.725	ng		97
27) 2,4-Dimethylphenol	10.135	122	16795	6.776	ng		99
28) bis(2-Chloroethoxy)met...	10.370	93	25553	7.962	ng	#	97
29) 2,4-Dichlorophenol	10.623	162	20150	7.572	ng		93
30) 1,2,4-Trichlorobenzene	10.840	180	25914	8.065	ng		98
31) Naphthalene	11.028	128	66022	7.673	ng		97
32) Benzoic acid	10.211	122	9905m	6.368	ng		
33) 4-Chloroaniline	11.128	127	26080	7.577	ng		93
34) Hexachlorobutadiene	11.322	225	20624	7.481	ng		85
35) Caprolactam	11.862	113	5806	7.295	ng	#	73
36) 4-Chloro-3-methylphenol	12.238	107	22115	7.467	ng		94
37) 2-Methylnaphthalene	12.620	142	45142	7.011	ng		98
38) 1-Methylnaphthalene	12.838	142	48068	7.516	ng		99
40) 1,2,4,5-Tetrachloroben...	12.985	216	38019	7.718	ng		99
41) Hexachlorocyclopentadiene	12.967	237	17046	4.827	ng		100
43) 2,4,6-Trichlorophenol	13.220	196	20562	7.112	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.284	196	23803	7.340	ng		92
46) 1,1'-Biphenyl	13.613	154	70972	7.806	ng		98
47) 2-Chloronaphthalene	13.660	162	53811	7.513	ng		97
48) 2-Nitroaniline	13.848	65	16261	7.058	ng		93
49) Acenaphthylene	14.501	152	90367	7.385	ng		99
50) Dimethylphthalate	14.213	163	76899	7.690	ng		98
51) 2,6-Dinitrotoluene	14.330	165	14759	7.671	ng		97
52) Acenaphthene	14.835	154	53179	7.248	ng		95
53) 3-Nitroaniline	14.659	138	13014	6.853	ng	#	95
54) 2,4-Dinitrophenol	14.871	184	3575	3.564	ng		96
55) Dibenzofuran	15.164	168	93039	7.670	ng		97
56) 4-Nitrophenol	14.953	139	9906m	6.575	ng		
57) 2,4-Dinitrotoluene	15.112	165	21226	7.358	ng	#	93
58) Fluorene	15.811	166	72589	7.630	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.382	232	24368	7.616	ng		98
60) Diethylphthalate	15.564	149	73715	7.695	ng		99
61) 4-Chlorophenyl-phenyle...	15.799	204	43213	7.569	ng		98
62) 4-Nitroaniline	15.811	138	13268	6.744	ng	#	77
63) Azobenzene	16.087	77	61411	7.708	ng		96
65) 4,6-Dinitro-2-methylph...	15.870	198	9497	5.661	ng		94
66) n-Nitrosodiphenylamine	16.005	169	65474	8.273	ng		98
67) 4-Bromophenyl-phenylether	16.686	248	30931	7.795	ng		95
68) Hexachlorobenzene	16.810	284	37137	7.725	ng		92
69) Atrazine	16.939	200	29139	7.636	ng		97
70) Pentachlorophenol	17.150	266	14021	5.905	ng		95
71) Phenanthrene	17.544	178	129989	7.863	ng		98
72) Anthracene	17.632	178	132674	7.870	ng		99
73) Carbazole	17.897	167	115799	7.991	ng		98
74) Di-n-butylphthalate	18.443	149	132289	8.182	ng		98
75) Fluoranthene	19.536	202	170850	7.557	ng		99
77) Benzidine	19.700	184	68328	6.196	ng		99
78) Pyrene	19.894	202	179200	8.684	ng		97
80) Butylbenzylphthalate	20.764	149	63446	8.741	ng		94
81) Benzo(a)anthracene	21.727	228	194349	7.763	ng		98
82) 3,3'-Dichlorobenzidine	21.633	252	71602	7.770	ng	#	99
83) Chrysene	21.792	228	184358	7.810	ng		99
84) Bis(2-ethylhexyl)phtha...	21.627	149	93515	8.817	ng		100
85) Di-n-octyl phthalate	22.850	149	148255	8.086	ng		99
87) Indeno(1,2,3-cd)pyrene	28.719	276	185464	7.502	ng		98
88) Benzo(b)fluoranthene	23.966	252	178271	7.785	ng		99
89) Benzo(k)fluoranthene	24.031	252	182470	7.931	ng		96
90) Benzo(a)pyrene	24.847	252	166378	7.832	ng		95
91) Dibenzo(a,h)anthracene	28.784	278	154063	7.607	ng	#	96
92) Benzo(g,h,i)perylene	29.877	276	143307	7.352	ng		98

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

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