Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090325\
Data File : BG064258.D
Acq On : 3 Sep 2025 17:49
Operator : RC/JU
Sample : Q2893-01
Misc : LOD-MDL-SOIL 4PPM
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 03 18:30:58 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 :
LOD-MDL-SOIL-01-QT3-2025

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	7.858	152	33087	20.000	ng		0.00
21) Naphthalene-d8	10.643	136	159134	20.000	ng		0.00
39) Acenaphthene-d10	14.480	164	115058	20.000	ng		0.00
64) Phenanthrene-d10	17.218	188	228655	20.000	ng		0.00
76) Chrysene-d12	21.448	240	220078	20.000	ng	#	0.00
86) Perylene-d12	24.456	264	235637	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.443	112	266203	144.345	ng		0.00
7) Phenol-d6	7.024	99	388119	153.186	ng		0.00
23) Nitrobenzene-d5	9.009	82	287062	100.604	ng		0.00
42) 2,4,6-Tribromophenol	15.966	330	201057	131.928	ng		0.00
45) 2-Fluorobiphenyl	13.105	172	731608	97.055	ng		0.00
79) Terphenyl-d14	19.838	244	1086309	102.983	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.363	88	4525	5.887	ng	#	76
3) Pyridine	3.757	79	9741	4.305	ng	#	55
4) n-Nitrosodimethylamine	3.675	42	6718	4.489	ng	#	91
6) Aniline	7.182	93	16290	4.649	ng		96
8) 2-Chlorophenol	7.423	128	10843	4.811	ng		88
9) Benzaldehyde	6.994	77	10783	5.172	ng		94
10) Phenol	7.053	94	12910	4.622	ng		90
11) bis(2-Chloroethyl)ether	7.282	93	9614	4.580	ng		96
12) 1,3-Dichlorobenzene	7.746	146	11738	4.896	ng		95
13) 1,4-Dichlorobenzene	7.887	146	11888m	4.913	ng		
14) 1,2-Dichlorobenzene	8.205	146	11006	4.713	ng		90
15) Benzyl Alcohol	8.087	79	10581	4.525	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.387	45	20329	4.242	ng		94
17) 2-Methylphenol	8.299	107	8683	4.171	ng		95
18) Hexachloroethane	8.927	117	4442	4.703	ng		90
19) n-Nitroso-di-n-propyla...	8.657	70	9909	5.110	ng	#	85
20) 3+4-Methylphenols	8.616	107	12982	4.488	ng		95
22) Acetophenone	8.669	105	19254	4.782	ng		95
24) Nitrobenzene	9.051	77	14116	4.735	ng		96
25) Isophorone	9.568	82	26956	4.546	ng		98
26) 2-Nitrophenol	9.756	139	5244	4.071	ng	#	81
27) 2,4-Dimethylphenol	9.814	122	10949	4.841	ng		96
28) bis(2-Chloroethoxy)met...	10.055	93	14468	4.525	ng		98
29) 2,4-Dichlorophenol	10.290	162	10416	4.365	ng		90
30) 1,2,4-Trichlorobenzene	10.502	180	11714	4.656	ng	#	91
31) Naphthalene	10.690	128	35056	4.248	ng	#	95
32) Benzoic acid	9.914	122	3148	1.753	ng	#	78
33) 4-Chloroaniline	10.796	127	15077	4.714	ng	#	89
34) Hexachlorobutadiene	10.984	225	7833	4.212	ng		95
35) Caprolactam	11.542	113	3656	3.957	ng	#	80
36) 4-Chloro-3-methylphenol	11.924	107	12393	4.003	ng		92
37) 2-Methylnaphthalene	12.300	142	24534	4.000	ng		93
38) 1-Methylnaphthalene	12.523	142	24918	4.113	ng		94
40) 1,2,4,5-Tetrachloroben...	12.670	216	14811	4.461	ng		97
41) Hexachlorocyclopentadiene	12.652	237	5728	3.630	ng		86
43) 2,4,6-Trichlorophenol	12.911	196	9182	4.138	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.987	196	9331	3.877	ng		88
46) 1,1'-Biphenyl	13.316	154	37339	4.456	ng		97
47) 2-Chloronaphthalene	13.351	162	27467	4.360	ng		98
48) 2-Nitroaniline	13.551	65	8135	3.788	ng		88
49) Acenaphthylene	14.198	152	45972	4.936	ng	#	93
50) Dimethylphthalate	13.933	163	35848	4.116	ng		96
51) 2,6-Dinitrotoluene	14.051	165	7045	4.179	ng		92
52) Acenaphthene	14.544	154	27287	4.152	ng		98
53) 3-Nitroaniline	14.374	138	6258	3.543	ng	#	96
54) 2,4-Dinitrophenol	14.597	184	1471	6.892	ng	#	52
55) Dibenzofuran	14.879	168	45049	4.358	ng		94
56) 4-Nitrophenol	14.691	139	3392	2.341	ng	#	63
57) 2,4-Dinitrotoluene	14.838	165	9399	3.687	ng	#	91
58) Fluorene	15.525	166	36993	4.366	ng		92
59) 2,3,4,6-Tetrachlorophenol	15.102	232	9613	4.152	ng	#	95
60) Diethylphthalate	15.302	149	34703	3.723	ng		98
61) 4-Chlorophenyl-phenyle...	15.519	204	19084	4.517	ng		97
62) 4-Nitroaniline	15.537	138	5491	3.047	ng	#	78
63) Azobenzene	15.813	77	35798	4.309	ng		95
65) 4,6-Dinitro-2-methylph...	15.602	198	4600	3.504	ng		93
66) n-Nitrosodiphenylamine	15.731	169	30535	4.854	ng		96
67) 4-Bromophenyl-phenylether	16.413	248	11960	4.925	ng		93
68) Hexachlorobenzene	16.530	284	14011	5.195	ng		93
69) Atrazine	16.683	200	9997	3.806	ng		84
70) Pentachlorophenol	16.877	266	4898	2.995	ng	#	76
71) Phenanthrene	17.259	178	55660	4.615	ng		97
72) Anthracene	17.353	178	55189	4.499	ng		95
73) Carbazole	17.623	167	44969	4.161	ng		96
74) Di-n-butylphthalate	18.187	149	55220	4.253	ng		99
75) Fluoranthene	19.268	202	56296	3.970	ng		97
77) Benzidine	19.456	184	21488	4.641	ng	#	96
78) Pyrene	19.632	202	58673	4.232	ng		99
80) Butylbenzylphthalate	20.531	149	25393	4.856	ng		96
81) Benzo(a)anthracene	21.430	228	62352	4.429	ng		97
82) 3,3'-Dichlorobenzidine	21.354	252	20973	4.574	ng		95
83) Chrysene	21.489	228	58751	4.346	ng		95
84) Bis(2-ethylhexyl)phtha...	21.360	149	38129	4.856	ng		99
85) Di-n-octyl phthalate	22.500	149	63938	4.674	ng	#	98
87) Indeno(1,2,3-cd)pyrene	27.840	276	72072	4.479	ng	#	79
88) Benzo(b)fluoranthene	23.504	252	61426	4.619	ng		94
89) Benzo(k)fluoranthene	23.569	252	56472	4.168	ng		95
90) Benzo(a)pyrene	24.315	252	58255	4.709	ng	#	95
91) Dibenzo(a,h)anthracene	27.899	278	57185	4.426	ng		97
92) Benzo(g,h,i)perylene	28.874	276	57176	4.548	ng		98

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

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