Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071125\
Data File : BP025105.D
Acq On : 11 Jul 2025 15:42
Operator : CG/JU
Sample : Q2126-01
Misc : LOD-MDL-SOIL-4 PPM
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

Quant Time: Jul 18 07:03:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.437	152	372779	20.000	ng		0.00
21) Naphthalene-d8	10.184	136	1531899	20.000	ng		0.00
39) Acenaphthene-d10	14.084	164	1031731	20.000	ng		0.00
64) Phenanthrene-d10	16.884	188	2230284	20.000	ng		-0.02
76) Chrysene-d12	21.336	240	2547256	20.000	ng		0.00
86) Perylene-d12	24.471	264	2783094	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.096	112	2544569	120.946	ng		0.00
7) Phenol-d6	6.625	99	3228263	117.582	ng		0.00
23) Nitrobenzene-d5	8.566	82	2085957	90.558	ng		0.00
42) 2,4,6-Tribromophenol	15.607	330	1753825	143.895	ng		-0.01
45) 2-Fluorobiphenyl	12.690	172	5756028	86.428	ng		0.00
79) Terphenyl-d14	19.672	244	10394924	89.688	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.126	88	32600	3.985	ng		95
3) Pyridine	3.496	79	81668	3.646	ng		98
4) n-Nitrosodimethylamine	3.408	42	32661	3.444	ng	#	87
6) Aniline	6.778	93	131258	5.117	ng		98
8) 2-Chlorophenol	7.008	128	93478	3.971	ng		97
9) Benzaldehyde	6.596	77	76262m	5.319	ng		
10) Phenol	6.649	94	106525	3.819	ng		90
11) bis(2-Chloroethyl)ether	6.878	93	79303	3.694	ng		99
12) 1,3-Dichlorobenzene	7.331	146	104998	3.985	ng		96
13) 1,4-Dichlorobenzene	7.466	146	107410	4.027	ng		98
14) 1,2-Dichlorobenzene	7.772	146	103921	4.050	ng		98
15) Benzyl Alcohol	7.667	79	69744	3.806	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.961	45	104566	3.746	ng		96
17) 2-Methylphenol	7.872	107	66972	3.727	ng		98
18) Hexachloroethane	8.490	117	34910	4.018	ng		95
19) n-Nitroso-di-n-propyla...	8.231	70	61050	3.749	ng		96
20) 3+4-Methylphenols	8.190	107	91451	3.633	ng		98
22) Acetophenone	8.237	105	135366	3.736	ng		99
24) Nitrobenzene	8.608	77	98172	4.184	ng		97
25) Isophorone	9.125	82	172389	4.005	ng		99
26) 2-Nitrophenol	9.302	139	37352	6.357	ng		95
27) 2,4-Dimethylphenol	9.372	122	83779	5.217	ng		98
28) bis(2-Chloroethoxy)met...	9.613	93	109270	3.738	ng		99
29) 2,4-Dichlorophenol	9.837	162	78123	3.509	ng		99
30) 1,2,4-Trichlorobenzene	10.049	180	95920	3.890	ng		95
31) Naphthalene	10.231	128	294690	3.736	ng		98
32) Benzoic acid	9.419	122	31635	7.921	ng		98
33) 4-Chloroaniline	10.337	127	121100	4.114	ng		97
34) Hexachlorobutadiene	10.531	225	54967	3.885	ng		98
35) Caprolactam	11.078	113	27158	3.565	ng		99
36) 4-Chloro-3-methylphenol	11.466	107	80884	3.476	ng		100
37) 2-Methylnaphthalene	11.855	142	184166	3.309	ng		100
38) 1-Methylnaphthalene	12.084	142	195019	3.593	ng		99
40) 1,2,4,5-Tetrachloroben...	12.231	216	109974	3.709	ng		98
41) Hexachlorocyclopentadiene	12.225	237	45182	5.834	ng		99
43) 2,4,6-Trichlorophenol	12.484	196	63424	3.532	ng		95

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071125\
Data File : BP025105.D
Acq On : 11 Jul 2025 15:42
Operator : CG/JU
Sample : Q2126-01
Misc : LOD-MDL-SOIL-4 PPM
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

Quant Time: Jul 18 07:03:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.543	196	71879	3.533	ng		98
46) 1,1'-Biphenyl	12.896	154	278525	3.710	ng		99
47) 2-Chloronaphthalene	12.925	162	216870	3.844	ng		99
48) 2-Nitroaniline	13.137	65	45857	5.891	ng		91
49) Acenaphthylene	13.801	152	342655	3.968	ng		100
50) Dimethylphthalate	13.549	163	277470	3.842	ng		99
51) 2,6-Dinitrotoluene	13.649	165	47484	3.371	ng		97
52) Acenaphthene	14.149	154	206029	3.702	ng		98
53) 3-Nitroaniline	13.984	138	57251	3.793	ng	#	99
54) 2,4-Dinitrophenol	14.196	184	16960	7.683	ng		96
55) Dibenzofuran	14.490	168	342677	3.731	ng		99
56) 4-Nitrophenol	14.301	139	44688	3.208	ng		96
57) 2,4-Dinitrotoluene	14.454	165	61028	5.427	ng		98
58) Fluorene	15.148	166	274240	3.860	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.719	232	66144	3.590	ng		98
60) Diethylphthalate	14.954	149	272436	3.756	ng		98
61) 4-Chlorophenyl-phenyle...	15.160	204	138957	3.952	ng		98
62) 4-Nitroaniline	15.160	138	57009	3.602	ng		96
63) Azobenzene	15.460	77	222227	3.440	ng		98
65) 4,6-Dinitro-2-methylph...	15.237	198	26621	7.897	ng		97
66) n-Nitrosodiphenylamine	15.378	169	231687	3.630	ng		100
67) 4-Bromophenyl-phenylether	16.078	248	85754	3.755	ng		97
68) Hexachlorobenzene	16.184	284	108076	3.872	ng		98
69) Atrazine	16.372	200	84305	4.507	ng		99
70) Pentachlorophenol	16.543	266	54387	2.885	ng		99
71) Phenanthrene	16.937	178	464272	3.896	ng		99
72) Anthracene	17.037	178	441066	3.858	ng		99
73) Carbazole	17.313	167	423891	3.792	ng		98
74) Di-n-butylphthalate	17.948	149	445794	3.581	ng		100
75) Fluoranthene	19.036	202	520319	3.735	ng		100
77) Benzidine	19.254	184	225522	5.013	ng		98
78) Pyrene	19.413	202	568323	3.602	ng		99
80) Butylbenzylphthalate	20.425	149	188555	6.546	ng		95
81) Benzo(a)anthracene	21.313	228	605293	3.921	ng		99
82) 3,3'-Dichlorobenzidine	21.242	252	187172	4.028	ng		98
83) Chrysene	21.378	228	563598	3.794	ng		98
84) Bis(2-ethylhexyl)phtha...	21.313	149	298765	3.608	ng		100
85) Di-n-octyl phthalate	22.530	149	461670	8.753	ng		99
87) Indeno(1,2,3-cd)pyrene	27.983	276	676669	3.817	ng		99
88) Benzo(b)fluoranthene	23.477	252	572930	3.537	ng		99
89) Benzo(k)fluoranthene	23.548	252	577219	3.581	ng		99
90) Benzo(a)pyrene	24.319	252	535204	3.882	ng		100
91) Dibenzo(a,h)anthracene	28.077	278	545046	3.719	ng		97
92) Benzo(g,h,i)perylene	29.059	276	546807	3.612	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071125\
Data File : BP025105.D
Acq On : 11 Jul 2025 15:42
Operator : CG/JU
Sample : Q2126-01
Misc : LOD-MDL-SOIL-4 PPM
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

Quant Time: Jul 18 07:03:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration