Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025741.D
Acq On : 12 Sep 2025 13:08
Operator : CG/JU
Sample : Q2893-01
Misc : LOD-MDL-SOIL 8 PPM
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 12 13:33:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.755	152	141958	20.000	ng		0.00
21) Naphthalene-d8	10.525	136	607890	20.000	ng		0.00
39) Acenaphthene-d10	14.378	164	427665	20.000	ng		0.00
64) Phenanthrene-d10	17.178	188	881205	20.000	ng		0.00
76) Chrysene-d12	21.618	240	991002	20.000	ng		-0.02
86) Perylene-d12	24.977	264	1048856	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.384	112	1082538	123.045	ng		0.00
7) Phenol-d6	6.943	99	1475222	126.152	ng		0.00
23) Nitrobenzene-d5	8.902	82	1089453	79.055	ng		0.00
42) 2,4,6-Tribromophenol	15.895	330	643078	120.556	ng		-0.01
45) 2-Fluorobiphenyl	12.984	172	2476140	77.093	ng		0.00
79) Terphenyl-d14	19.907	244	4334640	78.688	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.314	88	29152	7.895	ng		98
3) Pyridine	3.719	79	76776	7.551	ng		98
4) n-Nitrosodimethylamine	3.619	42	35586	7.417	ng	#	98
6) Aniline	7.096	93	123169	7.673	ng		99
8) 2-Chlorophenol	7.331	128	76056	7.880	ng		96
9) Benzaldehyde	6.913	77	72147	10.293	ng		100
10) Phenol	6.972	94	96159	7.798	ng		96
11) bis(2-Chloroethyl)ether	7.184	93	77473	7.820	ng		100
12) 1,3-Dichlorobenzene	7.649	146	86949	7.915	ng		98
13) 1,4-Dichlorobenzene	7.790	146	87560	7.825	ng		99
14) 1,2-Dichlorobenzene	8.107	146	85110	7.830	ng		99
15) Benzyl Alcohol	8.002	79	70811	7.328	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.284	45	130218	8.038	ng		98
17) 2-Methylphenol	8.202	107	61795	7.433	ng		100
18) Hexachloroethane	8.825	117	33210	7.770	ng		99
19) n-Nitroso-di-n-propyla...	8.554	70	66658	8.173	ng		98
20) 3+4-Methylphenols	8.537	107	81267	6.980	ng		98
22) Acetophenone	8.572	105	128397	7.904	ng		98
24) Nitrobenzene	8.943	77	98358	7.956	ng		99
25) Isophorone	9.466	82	179660	7.417	ng		97
26) 2-Nitrophenol	9.654	139	37737	6.875	ng		99
27) 2,4-Dimethylphenol	9.719	122	68558	7.120	ng		99
28) bis(2-Chloroethoxy)met...	9.943	93	106891	7.634	ng		98
29) 2,4-Dichlorophenol	10.213	162	65201	6.791	ng		96
30) 1,2,4-Trichlorobenzene	10.390	180	82135	7.591	ng		97
31) Naphthalene	10.578	128	252653	7.708	ng		99
32) Benzoic acid	9.837	122	41046m	5.733	ng		
33) 4-Chloroaniline	10.701	127	95131	6.963	ng		97
34) Hexachlorobutadiene	10.860	225	53381	7.664	ng		96
35) Caprolactam	11.478	113	24932	6.736	ng		97
36) 4-Chloro-3-methylphenol	11.825	107	81197	7.094	ng		93
37) 2-Methylnaphthalene	12.184	142	160074	7.604	ng		97
38) 1-Methylnaphthalene	12.401	142	172613	7.689	ng		99
40) 1,2,4,5-Tetrachloroben...	12.554	216	100659	7.767	ng		99
41) Hexachlorocyclopentadiene	12.531	237	38198	5.412	ng		99
43) 2,4,6-Trichlorophenol	12.807	196	61485	7.217	ng		96

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025741.D
Acq On : 12 Sep 2025 13:08
Operator : CG/JU
Sample : Q2893-01
Misc : LOD-MDL-SOIL 8 PPM
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 12 13:33:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.895	196	65368	6.894	ng		96
46) 1,1'-Biphenyl	13.201	154	249021	7.933	ng		99
47) 2-Chloronaphthalene	13.242	162	191301	7.740	ng		100
48) 2-Nitroaniline	13.454	65	56714	6.883	ng		96
49) Acenaphthylene	14.089	152	306481	7.484	ng		100
50) Dimethylphthalate	13.825	163	250707	7.678	ng		99
51) 2,6-Dinitrotoluene	13.948	165	50921	7.361	ng		94
52) Acenaphthene	14.437	154	178840	7.572	ng		97
53) 3-Nitroaniline	14.295	138	49794	6.845	ng	#	93
54) 2,4-Dinitrophenol	14.513	184	17092	8.395	ng	#	88
55) Dibenzofuran	14.778	168	296526	7.704	ng		99
56) 4-Nitrophenol	14.666	139	22492	7.872	ng		98
57) 2,4-Dinitrotoluene	14.748	165	69934	7.104	ng		98
58) Fluorene	15.436	166	243617	7.959	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.025	232	62641	7.334	ng		99
60) Diethylphthalate	15.207	149	254696	7.690	ng		99
61) 4-Chlorophenyl-phenyle...	15.436	204	122926	7.969	ng		99
62) 4-Nitroaniline	15.478	138	44895m	6.024	ng		
63) Azobenzene	15.736	77	240424	7.508	ng		99
65) 4,6-Dinitro-2-methylph...	15.536	198	31939	5.450	ng		96
66) n-Nitrosodiphenylamine	15.654	169	214571	7.957	ng		98
67) 4-Bromophenyl-phenylether	16.354	248	73604	7.603	ng		97
68) Hexachlorobenzene	16.472	284	84503	7.827	ng		95
69) Atrazine	16.631	200	78941	7.658	ng		98
70) Pentachlorophenol	16.836	266	46446	6.519	ng		97
71) Phenanthrene	17.219	178	399783	7.998	ng		99
72) Anthracene	17.319	178	398634	7.860	ng		99
73) Carbazole	17.601	167	354222	7.512	ng		100
74) Di-n-butylphthalate	18.183	149	438920	7.585	ng		99
75) Fluoranthene	19.307	202	484808	8.087	ng		99
77) Benzidine	19.513	184	233960	8.196	ng		99
78) Pyrene	19.683	202	507732	7.678	ng		99
80) Butylbenzylphthalate	20.630	149	202792	6.994	ng		95
81) Benzo(a)anthracene	21.595	228	519198	7.653	ng		100
82) 3,3'-Dichlorobenzidine	21.536	252	164770	7.024	ng		99
83) Chrysene	21.671	228	500665	7.741	ng		99
84) Bis(2-ethylhexyl)phtha...	21.536	149	308509	7.273	ng		97
85) Di-n-octyl phthalate	22.818	149	511382	6.777	ng		98
87) Indeno(1,2,3-cd)pyrene	28.783	276	556602	7.297	ng	#	90
88) Benzo(b)fluoranthene	23.918	252	490469	7.647	ng		98
89) Benzo(k)fluoranthene	23.989	252	514097	7.855	ng		99
90) Benzo(a)pyrene	24.824	252	469635	7.477	ng		99
91) Dibenzo(a,h)anthracene	28.871	278	445008	7.129	ng		98
92) Benzo(g,h,i)perylene	29.977	276	449208	7.318	ng		99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025741.D
Acq On : 12 Sep 2025 13:08
Operator : CG/JU
Sample : Q2893-01
Misc : LOD-MDL-SOIL 8 PPM
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 12 13:33:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025