Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090525\
Data File : BP025673.D
Acq On : 05 Sep 2025 11:21
Operator : CG/JU
Sample : Q2893-03
Misc : MDL-SOIL 8PPM
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 05 12:39:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.766	152	149264	20.000	ng		-0.03
21) Naphthalene-d8	10.537	136	618053	20.000	ng		-0.02
39) Acenaphthene-d10	14.395	164	416859	20.000	ng		-0.01
64) Phenanthrene-d10	17.201	188	844672	20.000	ng		0.00
76) Chrysene-d12	21.642	240	902070	20.000	ng		0.00
86) Perylene-d12	25.024	264	992930	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.390	112	1034593	115.108	ng		-0.02
7) Phenol-d6	6.955	99	1360453	118.060	ng		-0.01
23) Nitrobenzene-d5	8.913	82	950504	77.795	ng		-0.02
42) 2,4,6-Tribromophenol	15.913	330	702145	125.138	ng		0.00
45) 2-Fluorobiphenyl	13.001	172	2245131	73.607	ng		-0.02
79) Terphenyl-d14	19.913	244	3723817	75.526	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.320	88	27121	7.704	ng		97
3) Pyridine	3.725	79	68301	7.088	ng		91
4) n-Nitrosodimethylamine	3.625	42	33472	8.426	ng	#	84
6) Aniline	7.102	93	111560	7.185	ng		96
8) 2-Chlorophenol	7.343	128	74634	7.358	ng		94
9) Benzaldehyde	6.925	77	63922m	7.918	ng		
10) Phenol	6.978	94	88138	7.289	ng		80
11) bis(2-Chloroethyl)ether	7.196	93	68432	7.261	ng		95
12) 1,3-Dichlorobenzene	7.661	146	83754	7.489	ng		94
13) 1,4-Dichlorobenzene	7.802	146	82853	7.248	ng		100
14) 1,2-Dichlorobenzene	8.113	146	79963	7.226	ng		99
15) Benzyl Alcohol	8.013	79	65780	7.184	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.290	45	99005	7.842	ng		99
17) 2-Methylphenol	8.213	107	58600	6.978	ng		97
18) Hexachloroethane	8.837	117	31545	7.505	ng		94
19) n-Nitroso-di-n-propyla...	8.566	70	57215	7.496	ng		92
20) 3+4-Methylphenols	8.543	107	76872	6.604	ng		97
22) Acetophenone	8.584	105	118818	7.666	ng	#	96
24) Nitrobenzene	8.960	77	87520	8.015	ng		95
25) Isophorone	9.478	82	159562	7.379	ng		96
26) 2-Nitrophenol	9.666	139	37884	6.760	ng		98
27) 2,4-Dimethylphenol	9.731	122	64109	6.652	ng		97
28) bis(2-Chloroethoxy)met...	9.955	93	94431	7.225	ng		98
29) 2,4-Dichlorophenol	10.219	162	60734	6.344	ng		93
30) 1,2,4-Trichlorobenzene	10.407	180	74508	7.100	ng		98
31) Naphthalene	10.596	128	236558	7.364	ng		99
32) Benzoic acid	9.849	122	28950	4.069	ng		94
33) 4-Chloroaniline	10.707	127	90219	6.358	ng		95
34) Hexachlorobutadiene	10.878	225	48182	7.372	ng		97
35) Caprolactam	11.490	113	21655	6.169	ng		96
36) 4-Chloro-3-methylphenol	11.837	107	77661	7.070	ng		96
37) 2-Methylnaphthalene	12.196	142	149794	7.165	ng		96
38) 1-Methylnaphthalene	12.425	142	161350	7.258	ng		100
40) 1,2,4,5-Tetrachloroben...	12.572	216	89744	7.454	ng		100
41) Hexachlorocyclopentadiene	12.549	237	29367	4.038	ng		93
43) 2,4,6-Trichlorophenol	12.825	196	53746	6.613	ng		96

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44) 2,4,5-Trichlorophenol	12.907	196	60368	6.777	ng		98
46) 1,1'-Biphenyl	13.213	154	223641	7.387	ng		98
47) 2-Chloronaphthalene	13.260	162	171301	7.268	ng		99
48) 2-Nitroaniline	13.472	65	49384	7.191	ng		94
49) Acenaphthylene	14.113	152	283398	7.267	ng		99
50) Dimethylphthalate	13.843	163	226604	7.423	ng		99
51) 2,6-Dinitrotoluene	13.954	165	45440	7.062	ng		89
52) Acenaphthene	14.460	154	165557	7.232	ng		99
53) 3-Nitroaniline	14.307	138	46728	6.455	ng		94
54) 2,4-Dinitrophenol	14.531	184	17210	5.009	ng		92
55) Dibenzofuran	14.807	168	269353	7.442	ng		97
56) 4-Nitrophenol	14.678	139	20697	3.479	ng		87
57) 2,4-Dinitrotoluene	14.766	165	63211	6.886	ng	#	89
58) Fluorene	15.460	166	219413	7.683	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.037	232	55757	7.089	ng		98
60) Diethylphthalate	15.231	149	231339	7.458	ng		98
61) 4-Chlorophenyl-phenyle...	15.448	204	107488	7.568	ng		94
62) 4-Nitroaniline	15.495	138	45791	6.170	ng		93
63) Azobenzene	15.748	77	202509	7.625	ng		98
65) 4,6-Dinitro-2-methylph...	15.554	198	31098	5.906	ng		95
66) n-Nitrosodiphenylamine	15.672	169	184777	7.174	ng		100
67) 4-Bromophenyl-phenylether	16.366	248	68853	7.412	ng		97
68) Hexachlorobenzene	16.484	284	79793	7.410	ng		100
69) Atrazine	16.654	200	68792	7.132	ng		94
70) Pentachlorophenol	16.848	266	41233	6.066	ng		89
71) Phenanthrene	17.237	178	345629	7.449	ng		99
72) Anthracene	17.337	178	339056	7.155	ng		99
73) Carbazole	17.619	167	313428	7.022	ng		98
74) Di-n-butylphthalate	18.207	149	386062	7.031	ng		100
75) Fluoranthene	19.331	202	391411	7.072	ng		99
77) Benzidine	19.525	184	191051	6.206	ng		100
78) Pyrene	19.707	202	422486	7.206	ng		98
80) Butylbenzylphthalate	20.648	149	177322	6.673	ng		99
81) Benzo(a)anthracene	21.630	228	420903	7.075	ng		98
82) 3,3'-Dichlorobenzidine	21.548	252	145850	6.504	ng		98
83) Chrysene	21.695	228	404772	7.265	ng		99
84) Bis(2-ethylhexyl)phtha...	21.554	149	259278	6.628	ng		100
85) Di-n-octyl phthalate	22.836	149	427252	6.350	ng		97
87) Indeno(1,2,3-cd)pyrene	28.842	276	492541	6.764	ng		99
88) Benzo(b)fluoranthene	23.942	252	407150	6.954	ng		99
89) Benzo(k)fluoranthene	24.001	252	418467	7.142	ng		99
90) Benzo(a)pyrene	24.854	252	396824	6.963	ng		98
91) Dibenzo(a,h)anthracene	28.936	278	401006	6.739	ng		98
92) Benzo(g,h,i)perylene	30.030	276	399214	6.825	ng		97

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

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