Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090425\
Data File : BP025663.D
Acq On : 04 Sep 2025 16:52
Operator : CG/JU
Sample : Q2893-01
Misc : LOD-MDL-SOIL 4PPM
ALS Vial : 10 Sample Multiplier: 1

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

Manual Integrations APPROVED

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

Quant Time: Sep 04 17:49:07 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.766	152	133894	20.000	ng		-0.03
21) Naphthalene-d8	10.543	136	549961	20.000	ng		-0.02
39) Acenaphthene-d10	14.395	164	369065	20.000	ng		-0.01
64) Phenanthrene-d10	17.201	188	768738	20.000	ng		0.00
76) Chrysene-d12	21.648	240	875396	20.000	ng		0.00
86) Perylene-d12	25.030	264	943895	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.390	112	912497	113.178	ng		-0.02
7) Phenol-d6	6.955	99	1180803	114.233	ng		-0.01
23) Nitrobenzene-d5	8.913	82	825034	75.887	ng		-0.02
42) 2,4,6-Tribromophenol	15.913	330	608388	122.470	ng		0.00
45) 2-Fluorobiphenyl	13.001	172	1980265	73.331	ng		-0.02
79) Terphenyl-d14	19.924	244	3588103	74.991	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.314	88	12986	4.112	ng		98
3) Pyridine	3.725	79	29299	3.390	ng		94
4) n-Nitrosodimethylamine	3.625	42	13996	3.927	ng	#	83
6) Aniline	7.102	93	49051	3.522	ng		97
8) 2-Chlorophenol	7.343	128	33699	3.704	ng		89
9) Benzaldehyde	6.925	77	27847m	3.845	ng		
10) Phenol	6.984	94	39894	3.678	ng		83
11) bis(2-Chloroethyl)ether	7.196	93	32188	3.807	ng		95
12) 1,3-Dichlorobenzene	7.654	146	37544	3.742	ng		92
13) 1,4-Dichlorobenzene	7.802	146	38608	3.765	ng		98
14) 1,2-Dichlorobenzene	8.113	146	36267	3.654	ng		98
15) Benzyl Alcohol	8.013	79	25948	3.159	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.290	45	43934	3.879	ng		96
17) 2-Methylphenol	8.213	107	24348	3.232	ng		96
18) Hexachloroethane	8.837	117	14136	3.749	ng		96
19) n-Nitroso-di-n-propyla...	8.560	70	24170	3.530	ng		95
20) 3+4-Methylphenols	8.549	107	31221	2.990	ng		95
22) Acetophenone	8.584	105	50781	3.682	ng	#	93
24) Nitrobenzene	8.954	77	39113	4.025	ng		95
25) Isophorone	9.472	82	65883	3.424	ng		96
26) 2-Nitrophenol	9.660	139	15716	3.152	ng		95
27) 2,4-Dimethylphenol	9.737	122	27029	3.152	ng		96
28) bis(2-Chloroethoxy)met...	9.954	93	40157	3.453	ng		97
29) 2,4-Dichlorophenol	10.231	162	24302	2.853	ng		95
30) 1,2,4-Trichlorobenzene	10.401	180	33123	3.547	ng		99
31) Naphthalene	10.590	128	105212	3.681	ng		99
32) Benzoic acid	9.872	122	12383m	1.956	ng		
33) 4-Chloroaniline	10.707	127	33968	2.690	ng		94
34) Hexachlorobutadiene	10.878	225	21868	3.760	ng		98
35) Caprolactam	11.484	113	9589	3.070	ng		99
36) 4-Chloro-3-methylphenol	11.848	107	31245	3.196	ng		96
37) 2-Methylnaphthalene	12.201	142	63986	3.440	ng		96
38) 1-Methylnaphthalene	12.419	142	70369m	3.557	ng		
40) 1,2,4,5-Tetrachloroben...	12.572	216	38710	3.632	ng		98
41) Hexachlorocyclopentadiene	12.548	237	8801	1.367	ng		95
43) 2,4,6-Trichlorophenol	12.825	196	22644	3.147	ng		98

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44) 2,4,5-Trichlorophenol	12.913	196	25197	3.195	ng		97
46) 1,1'-Biphenyl	13.213	154	97608	3.642	ng		98
47) 2-Chloronaphthalene	13.260	162	75755	3.630	ng		99
48) 2-Nitroaniline	13.472	65	19642	3.231	ng		92
49) Acenaphthylene	14.119	152	120472	3.489	ng		97
50) Dimethylphthalate	13.848	163	100906	3.734	ng		99
51) 2,6-Dinitrotoluene	13.966	165	19922	3.497	ng	#	90
52) Acenaphthene	14.460	154	71623	3.534	ng		96
53) 3-Nitroaniline	14.313	138	18547	2.894	ng		94
54) 2,4-Dinitrophenol	14.542	184	5724m	1.882	ng		
55) Dibenzofuran	14.801	168	119160	3.719	ng		96
56) 4-Nitrophenol	14.725	139	4438m	0.843	ng		
57) 2,4-Dinitrotoluene	14.772	165	24758	3.046	ng	#	86
58) Fluorene	15.460	166	97613	3.861	ng		94
59) 2,3,4,6-Tetrachlorophenol	15.036	232	24288	3.488	ng		99
60) Diethylphthalate	15.231	149	105923	3.857	ng		98
61) 4-Chlorophenyl-phenyle...	15.460	204	48194	3.833	ng		95
62) 4-Nitroaniline	15.519	138	14449m	2.199	ng		
63) Azobenzene	15.754	77	88904	3.781	ng		95
65) 4,6-Dinitro-2-methylph...	15.566	198	11556	2.412	ng		100
66) n-Nitrosodiphenylamine	15.672	169	80805	3.447	ng		97
67) 4-Bromophenyl-phenylether	16.366	248	30230	3.576	ng		97
68) Hexachlorobenzene	16.495	284	37020	3.777	ng		98
69) Atrazine	16.648	200	30865	3.516	ng		97
70) Pentachlorophenol	16.866	266	16480	2.664	ng		95
71) Phenanthrene	17.242	178	157728	3.735	ng		100
72) Anthracene	17.342	178	150586	3.492	ng		99
73) Carbazole	17.630	167	136788	3.368	ng		98
74) Di-n-butylphthalate	18.201	149	182426	3.650	ng		98
75) Fluoranthene	19.330	202	186404	3.701	ng		99
77) Benzidine	19.542	184	80776	2.704	ng		99
78) Pyrene	19.707	202	193343	3.398	ng		99
80) Butylbenzylphthalate	20.648	149	84031	3.259	ng		96
81) Benzo(a)anthracene	21.630	228	202771	3.512	ng		99
82) 3,3'-Dichlorobenzidine	21.560	252	65599	3.015	ng		98
83) Chrysene	21.695	228	200105	3.701	ng		100
84) Bis(2-ethylhexyl)phtha...	21.560	149	130667	3.442	ng		96
85) Di-n-octyl phthalate	22.848	149	220658	3.380	ng	#	95
87) Indeno(1,2,3-cd)pyrene	28.871	276	230362m	3.328	ng		
88) Benzo(b)fluoranthene	23.965	252	197251	3.544	ng		100
89) Benzo(k)fluoranthene	24.030	252	200694	3.603	ng		99
90) Benzo(a)pyrene	24.877	252	189646	3.500	ng		99
91) Dibenzo(a,h)anthracene	28.983	278	190599m	3.369	ng		
92) Benzo(g,h,i)perylene	30.077	276	189335m	3.405	ng		

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

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