

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090425\
 Data File : BP025664.D
 Acq On : 04 Sep 2025 17:33
 Operator : CG/JU
 Sample : Q2893-01
 Misc : LOD-MDL-SOIL 8PPM
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Sep 05 01:46:41 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

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	141162	20.000	ng	-0.03
21) Naphthalene-d8	10.537	136	565628	20.000	ng	-0.02
39) Acenaphthene-d10	14.390	164	388468	20.000	ng	-0.02
64) Phenanthrene-d10	17.189	188	781005	20.000	ng	-0.01
76) Chrysene-d12	21.654	240	842715	20.000	ng	0.00
86) Perylene-d12	25.036	264	946093	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.396	112	975875	114.807	ng	-0.01
7) Phenol-d6	6.955	99	1240653	113.843	ng	-0.01
23) Nitrobenzene-d5	8.907	82	870829	77.880	ng	-0.03
42) 2,4,6-Tribromophenol	15.907	330	633519	121.159	ng	0.00
45) 2-Fluorobiphenyl	13.001	172	2065488	72.667	ng	-0.02
79) Terphenyl-d14	19.919	244	3452329	74.952	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.320	88	25151	7.554	ng	92
3) Pyridine	3.725	79	63031	6.917	ng	93
4) n-Nitrosodimethylamine	3.625	42	28265	7.523	ng	# 84
6) Aniline	7.102	93	103391	7.041	ng	97
8) 2-Chlorophenol	7.343	128	70839	7.385	ng	97
9) Benzaldehyde	6.919	77	60531	7.928	ng	91
10) Phenol	6.978	94	81582	7.134	ng	86
11) bis(2-Chloroethyl)ether	7.196	93	62009	6.957	ng	97
12) 1,3-Dichlorobenzene	7.660	146	77359	7.314	ng	98
13) 1,4-Dichlorobenzene	7.802	146	77487	7.168	ng	97
14) 1,2-Dichlorobenzene	8.119	146	75834	7.247	ng	96
15) Benzyl Alcohol	8.008	79	57008	6.584	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.284	45	90530	7.582	ng	97
17) 2-Methylphenol	8.213	107	52758	6.643	ng	98
18) Hexachloroethane	8.837	117	29453	7.410	ng	93
19) n-Nitroso-di-n-propyla...	8.560	70	51847	7.182	ng	93
20) 3+4-Methylphenols	8.543	107	71278	6.475	ng	99
22) Acetophenone	8.578	105	108303	7.635	ng	# 93
24) Nitrobenzene	8.949	77	80942	8.100	ng	96
25) Isophorone	9.478	82	148195	7.489	ng	96
26) 2-Nitrophenol	9.660	139	34557	6.738	ng	91
27) 2,4-Dimethylphenol	9.731	122	60804	6.894	ng	97
28) bis(2-Chloroethoxy)met...	9.949	93	84752	7.085	ng	97
29) 2,4-Dichlorophenol	10.213	162	57720	6.588	ng	98
30) 1,2,4-Trichlorobenzene	10.407	180	69239	7.209	ng	97
31) Naphthalene	10.584	128	214694	7.303	ng	99
32) Benzoic acid	9.843	122	27076m	4.158	ng	
33) 4-Chloroaniline	10.701	127	82416	6.346	ng	96
34) Hexachlorobutadiene	10.872	225	45184	7.554	ng	94
35) Caprolactam	11.478	113	19308	6.010	ng	# 86
36) 4-Chloro-3-methylphenol	11.837	107	73462	7.307	ng	92
37) 2-Methylnaphthalene	12.190	142	137355	7.179	ng	98
38) 1-Methylnaphthalene	12.419	142	147490	7.249	ng	99
40) 1,2,4,5-Tetrachloroben...	12.566	216	81752	7.287	ng	99
41) Hexachlorocyclopentadiene	12.543	237	26132	3.856	ng	98
43) 2,4,6-Trichlorophenol	12.819	196	49791m	6.574	ng	

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44) 2,4,5-Trichlorophenol	12.901	196	54572	6.574	ng	98
46) 1,1'-Biphenyl	13.207	154	207051	7.339	ng	99
47) 2-Chloronaphthalene	13.248	162	154457	7.032	ng	99
48) 2-Nitroaniline	13.466	65	44023	6.879	ng	93
49) Acenaphthylene	14.113	152	258301	7.107	ng	99
50) Dimethylphthalate	13.842	163	206210	7.249	ng	100
51) 2,6-Dinitrotoluene	13.954	165	41955	6.997	ng	90
52) Acenaphthene	14.460	154	150677	7.063	ng	99
53) 3-Nitroaniline	14.301	138	42136	6.246	ng	88
54) 2,4-Dinitrophenol	14.531	184	13265	4.143	ng	90
55) Dibenzofuran	14.795	168	243784	7.228	ng	96
56) 4-Nitrophenol	14.678	139	17632m	3.181	ng	
57) 2,4-Dinitrotoluene	14.766	165	58953	6.891	ng	# 93
58) Fluorene	15.460	166	200705	7.542	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.031	232	50332	6.867	ng	96
60) Diethylphthalate	15.231	149	211977	7.334	ng	98
61) 4-Chlorophenyl-phenyle...	15.442	204	99319	7.504	ng	96
62) 4-Nitroaniline	15.489	138	38925	5.629	ng	94
63) Azobenzene	15.742	77	185580	7.498	ng	96
65) 4,6-Dinitro-2-methylph...	15.554	198	26793	5.503	ng	83
66) n-Nitrosodiphenylamine	15.666	169	171932	7.219	ng	98
67) 4-Bromophenyl-phenylether	16.366	248	61395	7.148	ng	97
68) Hexachlorobenzene	16.478	284	74051	7.437	ng	95
69) Atrazine	16.648	200	61986	6.950	ng	96
70) Pentachlorophenol	16.848	266	38054	6.054	ng	93
71) Phenanthrene	17.236	178	318846	7.432	ng	100
72) Anthracene	17.336	178	311476	7.109	ng	99
73) Carbazole	17.619	167	284968	6.905	ng	98
74) Di-n-butylphthalate	18.201	149	359478	7.080	ng	100
75) Fluoranthene	19.330	202	367202	7.175	ng	99
77) Benzidine	19.530	184	185545	6.451	ng	100
78) Pyrene	19.707	202	382859	6.990	ng	99
80) Butylbenzylphthalate	20.654	149	163499	6.586	ng	99
81) Benzo(a)anthracene	21.630	228	395063	7.108	ng	99
82) 3,3'-Dichlorobenzidine	21.554	252	135050	6.447	ng	100
83) Chrysene	21.701	228	378516	7.272	ng	98
84) Bis(2-ethylhexyl)phtha...	21.560	149	247452	6.772	ng	99
85) Di-n-octyl phthalate	22.854	149	420927	6.697	ng	96
87) Indeno(1,2,3-cd)pyrene	28.865	276	471982	6.803	ng	# 93
88) Benzo(b)fluoranthene	23.960	252	395388	7.087	ng	99
89) Benzo(k)fluoranthene	24.024	252	396182	7.097	ng	98
90) Benzo(a)pyrene	24.860	252	368835	6.792	ng	99
91) Dibenzo(a,h)anthracene	28.965	278	379533	6.694	ng	97
92) Benzo(g,h,i)perylene	30.048	276	372799	6.689	ng	99

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

