

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071125\
 Data File : BP025104.D
 Acq On : 11 Jul 2025 15:00
 Operator : CG/JU
 Sample : Q2126-02
 Misc : LOQ-SOIL-10 PPM
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT2-2025

Quant Time: Jul 11 15:36:50 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

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/14/2025
 Supervised By :Jagrut Upadhyay 07/14/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.437	152	343710	20.000	ng	0.00
21) Naphthalene-d8	10.184	136	1379527	20.000	ng	0.00
39) Acenaphthene-d10	14.084	164	885076	20.000	ng	0.00
64) Phenanthrene-d10	16.895	188	1814460	20.000	ng	-0.01
76) Chrysene-d12	21.330	240	2050618	20.000	ng	-0.01
86) Perylene-d12	24.465	264	2256008	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.096	112	2049774	105.667	ng	0.00
7) Phenol-d6	6.631	99	2603504	102.846	ng	0.00
23) Nitrobenzene-d5	8.560	82	1643993	79.254	ng	0.00
42) 2,4,6-Tribromophenol	15.607	330	1268609	121.332	ng	-0.01
45) 2-Fluorobiphenyl	12.684	172	4473408	78.299	ng	-0.01
79) Terphenyl-d14	19.666	244	7579089	81.230	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.408	42	65472	7.488	ng	# 93
9) Benzaldehyde	6.596	77	149526	11.310	ng	98
15) Benzyl Alcohol	7.666	79	139427	8.252	ng	98
20) 3+4-Methylphenols	8.190	107	183591	7.911	ng	99
32) Benzoic acid	9.425	122	83550m	11.240	ng	
35) Caprolactam	11.078	113	52257	7.618	ng	99
41) Hexachlorocyclopentadiene	12.219	237	96201	14.479	ng	98
54) 2,4-Dinitrophenol	14.195	184	35462	10.986	ng	99
56) 4-Nitrophenol	14.307	139	92860	7.771	ng	98
65) 4,6-Dinitro-2-methylph...	15.236	198	52149	11.160	ng	99
70) Pentachlorophenol	16.542	266	111512	7.271	ng	98
77) Benzidine	19.248	184	431336	11.910	ng	97
82) 3,3'-Dichlorobenzidine	21.242	252	353736	9.456	ng	99
85) Di-n-octyl phthalate	22.524	149	854068	12.199	ng	98

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

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