

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111925\
 Data File : BP026158.D
 Acq On : 19 Nov 2025 14:50
 Operator : RC/JU
 Sample : Q3530-02
 Misc : LOQ-SOIL- 10ng
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT4-2025

Quant Time: Nov 19 15:11:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 01:25:31 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/20/2025
 Supervised By :Sohil Jodhani 11/20/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.619	152	287372	20.000	ng	-0.05
21) Naphthalene-d8	10.402	136	1145211	20.000	ng	-0.05
39) Acenaphthene-d10	14.295	164	731810	20.000	ng	-0.03
64) Phenanthrene-d10	17.125	188	1483397	20.000	ng	0.00
76) Chrysene-d12	21.577	240	1676242	20.000	ng	0.00
86) Perylene-d12	24.907	264	1845784	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.237	112	2042106	114.060	ng	-0.05
7) Phenol-d6	6.796	99	2628563	115.324	ng	-0.06
23) Nitrobenzene-d5	8.766	82	1710230	84.827	ng	-0.05
42) 2,4,6-Tribromophenol	15.831	330	1076009	113.343	ng	0.00
45) 2-Fluorobiphenyl	12.896	172	4122135	82.554	ng	-0.04
79) Terphenyl-d14	19.872	244	6628754	80.635	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.490	42	75828	9.668	ng	# 97
9) Benzaldehyde	6.766	77	153412	12.844	ng	98
15) Benzyl Alcohol	7.855	79	145675	8.724	ng	96
20) 3+4-Methylphenols	8.378	107	193140	8.339	ng	99
32) Benzoic acid	9.655	122	100060m	6.385	ng	
35) Caprolactam	11.331	113	52679	7.910	ng	97
41) Hexachlorocyclopentadiene	12.454	237	95310	6.581	ng	99
54) 2,4-Dinitrophenol	14.407	184	39607	6.058	ng	98
56) 4-Nitrophenol	14.531	139	82052	7.113	ng	99
65) 4,6-Dinitro-2-methylph...	15.454	198	64124	6.804	ng	91
70) Pentachlorophenol	16.766	266	105070	7.879	ng	99
77) Benzidine	19.472	184	385018	7.238	ng	99
82) 3,3'-Dichlorobenzidine	21.489	252	367825	8.786	ng	98
85) Di-n-octyl phthalate	22.807	149	1025884	8.007	ng	99

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

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