

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071125\
 Data File : BP025101.D
 Acq On : 11 Jul 2025 12:55
 Operator : CG/JU
 Sample : Q2126-02
 Misc : LOQ-SOIL-10 PPM
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Jul 11 13:27:30 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.402	152	404330	20.000	ng	-0.04
21) Naphthalene-d8	10.160	136	1667537	20.000	ng	-0.02
39) Acenaphthene-d10	14.078	164	1115773	20.000	ng	-0.01
64) Phenanthrene-d10	16.901	188	2297818	20.000	ng	0.00
76) Chrysene-d12	21.354	240	2630205	20.000	ng	0.01
86) Perylene-d12	24.501	264	2869219	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.066	112	2760940	120.990	ng	-0.03
7) Phenol-d6	6.596	99	3585184	120.392	ng	-0.04
23) Nitrobenzene-d5	8.531	82	2360862	94.156	ng	-0.04
42) 2,4,6-Tribromophenol	15.613	330	1952530	148.132	ng	0.00
45) 2-Fluorobiphenyl	12.672	172	6463334	89.738	ng	-0.02
79) Terphenyl-d14	19.689	244	10849593	90.659	ng	0.02
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.384	42	94157	9.154	ng	# 97
9) Benzaldehyde	6.560	77	212317	13.652	ng	98
15) Benzyl Alcohol	7.637	79	202166	10.171	ng	97
20) 3+4-Methylphenols	8.160	107	268057	9.819	ng	97
32) Benzoic acid	9.425	122	137218	13.046	ng	94
35) Caprolactam	11.060	113	80332	9.688	ng	99
41) Hexachlorocyclopentadiene	12.201	237	143285	17.106	ng	98
54) 2,4-Dinitrophenol	14.189	184	59331	12.818	ng	96
56) 4-Nitrophenol	14.295	139	145313	9.646	ng	95
65) 4,6-Dinitro-2-methylph...	15.231	198	88750	13.080	ng	95
70) Pentachlorophenol	16.542	266	180546	9.296	ng	99
77) Benzidine	19.272	184	712796	15.344	ng	97
82) 3,3'-Dichlorobenzidine	21.266	252	560683	11.685	ng	99
85) Di-n-octyl phthalate	22.560	149	1492309	14.408	ng	99

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

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