

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021825\
 Data File : BP024086.D
 Acq On : 18 Feb 2025 16:36
 Operator : RC/JU
 Sample : Q1168-02
 Misc : LOQ-SOIL 10PPM
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT1-2025

Manual Integrations
 APPROVED

Reviewed By :Rahul
 Chavli

02/20/2025
 Supervised By :Jagrut
 Upadhyay

Quant Time: Feb 18 17:07:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 18 02:25:07 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.757	152	301218	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	1292586	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	769058	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	1470452	20.000	ng	0.00
76) Chrysene-d12	21.645	240	1444344	20.000	ng	0.00
86) Perylene-d12	25.027	264	1348776	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1623062	84.077	ng	0.00
7) Phenol-d6	6.940	99	2194810	88.460	ng	0.00
23) Nitrobenzene-d5	8.904	82	1928328	83.228	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	816446	86.671	ng	0.00
45) 2-Fluorobiphenyl	12.998	172	4509725	81.978	ng	0.00
79) Terphenyl-d14	19.922	244	6371012	87.283	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.616	42	83060	11.893	ng	# 90
9) Benzaldehyde	6.910	77	204315m	18.037	ng	
15) Benzyl Alcohol	7.999	79	191537	12.612	ng	98
20) 3+4-Methylphenols	8.528	107	256172	12.385	ng	96
32) Benzoic acid	9.804	122	97512	13.176	ng	96
35) Caprolactam	11.469	113	60536	14.015	ng	95
41) Hexachlorocyclopentadiene	12.551	237	126318	14.366	ng	98
54) 2,4-Dinitrophenol	14.504	184	44236	13.261	ng	99
56) 4-Nitrophenol	14.616	139	99339	9.753	ng	97
65) 4,6-Dinitro-2-methylph...	15.534	198	70806	12.567	ng	99
70) Pentachlorophenol	16.839	266	103896	8.233	ng	97
77) Benzidine	19.522	184	383905	21.813	ng	99
85) Di-n-octyl phthalate	22.863	149	696503	8.174	ng	98

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

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