Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120925\
Data File : BG064914.D
Acq On : 9 Dec 2025 21:05
Operator : RC/JU
Sample : Q3790-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
304 FURMAN SOIL

Quant Time: Dec 10 00:16:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.153	152	22406	20.000	ng		-0.01
21) Naphthalene-d8	10.967	136	90673	20.000	ng		#-0.02
39) Acenaphthene-d10	14.762	164	79761	20.000	ng		-0.01
64) Phenanthrene-d10	17.495	188	185242	20.000	ng		# 0.00
76) Chrysene-d12	21.742	240	225431	20.000	ng		#-0.01
86) Perylene-d12	24.997	264	259751	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.691	112	91395	71.229	ng		0.00
7) Phenol-d6	7.295	99	121147	70.987	ng		-0.01
23) Nitrobenzene-d5	9.316	82	78672	42.899	ng		-0.01
42) 2,4,6-Tribromophenol	16.237	330	123582	79.444	ng		-0.01
45) 2-Fluorobiphenyl	13.393	172	272815	47.726	ng		-0.01
79) Terphenyl-d14	20.080	244	561312	48.980	ng		-0.01
Target Compounds							Qvalue
71) Phenanthrene	17.536	178	58687	5.790	ng		99
75) Fluoranthene	19.527	202	115067	8.302	ng		97
78) Pyrene	19.886	202	108627	8.598	ng		99
81) Benzo(a)anthracene	21.719	228	67557	4.407	ng		99
83) Chrysene	21.789	228	61131	4.230	ng		96
87) Indeno(1,2,3-cd)pyrene	28.699	276	46109	2.584	ng	#	97
88) Benzo(b)fluoranthene	23.958	252	97334	5.888	ng	#	98
90) Benzo(a)pyrene	24.839	252	63633	4.150	ng		95
92) Benzo(g,h,i)perylene	29.868	276	49245	3.500	ng		95

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

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