Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090825\
Data File : BG064312.D
Acq On : 8 Sep 2025 18:22
Operator : RC/JU
Sample : Q3032-04 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-2

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025

Quant Time: Sep 09 01:31:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.848	152	23608	20.000	ng		-0.01
21) Naphthalene-d8	10.633	136	100404	20.000	ng		#-0.02
39) Acenaphthene-d10	14.475	164	71106	20.000	ng		0.00
64) Phenanthrene-d10	17.213	188	169678	20.000	ng		-0.01
76) Chrysene-d12	21.444	240	196040	20.000	ng		-0.01
86) Perylene-d12	24.458	264	213880	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.439	112	28512	21.668	ng		0.00
7) Phenol-d6	7.014	99	37695	20.851	ng		-0.02
23) Nitrobenzene-d5	8.999	82	25654	14.250	ng		-0.02
42) 2,4,6-Tribromophenol	15.962	330	24701	26.227	ng		-0.01
45) 2-Fluorobiphenyl	13.095	172	54366	11.670	ng		-0.02
79) Terphenyl-d14	19.834	244	104396	11.110	ng		-0.01
Target Compounds							Qvalue
71) Phenanthrene	17.254	178	72245	8.073	ng		95
75) Fluoranthene	19.270	202	158061	15.021	ng		98
78) Pyrene	19.628	202	143135	11.589	ng		99
81) Benzo(a)anthracene	21.426	228	86735	6.916	ng		98
83) Chrysene	21.491	228	77728	6.456	ng		97
87) Indeno(1,2,3-cd)pyrene	27.824	276	50442	3.453	ng	#	92
88) Benzo(b)fluoranthene	23.506	252	102309	8.476	ng		97
89) Benzo(k)fluoranthene	23.565	252	36689m	2.983	ng		
90) Benzo(a)pyrene	24.311	252	72935m	6.495	ng		
92) Benzo(g,h,i)perylene	28.888	276	48042	4.210	ng	#	90

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

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