Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021125\
Data File : BN036421.D
Acq On : 11 Feb 2025 12:48
Operator : RC/JU
Sample : Q1168-02
Misc : LOQ-SOIL 0.1 PPM
ALS Vial : 4 Sample Multiplier: 1

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

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/12/2025
Supervised By :mohammad ahmed 02/12/2025

Quant Time: Feb 11 13:15:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 11 01:17:14 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.753	152	1858	0.400	ng		0.00
7) Naphthalene-d8	10.551	136	4390	0.400	ng		0.01
13) Acenaphthene-d10	14.398	164	2832	0.400	ng		0.01
19) Phenanthrene-d10	17.136	188	6510	0.400	ng	#	0.00
29) Chrysene-d12	21.331	240	5830	0.400	ng		0.00
35) Perylene-d12	23.601	264	6148	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.341	112	1806	0.411	ng		0.00
5) Phenol-d6	6.930	99	1987	0.386	ng		0.00
8) Nitrobenzene-d5	8.907	82	1531	0.353	ng		0.00
11) 2-Methylnaphthalene-d10	12.141	152	4036	0.598	ng		0.00
14) 2,4,6-Tribromophenol	15.895	330	546	0.389	ng		0.01
15) 2-Fluorobiphenyl	13.019	172	3764	0.353	ng		0.00
27) Fluoranthene-d10	19.173	212	10865m	0.600	ng		0.00
31) Terphenyl-d14	19.773	244	5249	0.422	ng		0.00
Target Compounds							Qvalue
6) bis(2-Chloroethyl)ether	7.175	93	547	0.102	ng		95
9) Naphthalene	10.594	128	1356	0.107	ng	#	86
10) Hexachlorobutadiene	10.882	225	357	0.116	ng	#	99
12) 2-Methylnaphthalene	12.217	142	876	0.105	ng	#	92
16) Acenaphthylene	14.109	152	1440	0.115	ng		100
17) Acenaphthene	14.452	154	931	0.111	ng		98
18) Fluorene	15.446	166	1328	0.112	ng		98
21) 4-Bromophenyl-phenylether	16.342	248	437	0.113	ng		91
22) Hexachlorobenzene	16.453	284	576	0.120	ng		96
23) Atrazine	16.615	200	395	0.122	ng	#	79
25) Phenanthrene	17.186	178	2219	0.118	ng		97
26) Anthracene	17.273	178	1924	0.116	ng		99
28) Fluoranthene	19.201	202	2713	0.117	ng		97
30) Pyrene	19.564	202	2738	0.122	ng		97
32) Benzo(a)anthracene	21.313	228	2299	0.120	ng		96
33) Chrysene	21.366	228	2482m	0.119	ng		
36) Indeno(1,2,3-cd)pyrene	25.905	276	2754	0.128	ng		97
37) Benzo(b)fluoranthene	22.917	252	2485	0.123	ng	#	69
38) Benzo(k)fluoranthene	22.964	252	2472	0.119	ng	#	70
39) Benzo(a)pyrene	23.502	252	2156	0.122	ng	#	56
40) Dibenzo(a,h)anthracene	25.925	278	2070	0.122	ng	#	74
41) Benzo(g,h,i)perylene	26.609	276	2419	0.126	ng	#	90

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

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