Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071025\
Data File : BN037460.D
Acq On : 10 Jul 2025 16:18
Operator : RC/JU
Sample : Q2126-01
Misc : LOD-SOIL-0.2ng
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

Quant Time: Jul 17 04:09:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 10 00:48:38 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.732	152	1747	0.400	ng		0.00
7) Naphthalene-d8	10.509	136	4199	0.400	ng		-0.01
13) Acenaphthene-d10	14.366	164	2010	0.400	ng		0.00
19) Phenanthrene-d10	17.099	188	3614	0.400	ng		-0.01
29) Chrysene-d12	21.286	240	2689	0.400	ng		0.00
35) Perylene-d12	23.528	264	2669	0.400	ng		#-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.319	112	1224	0.260	ng		0.00
5) Phenol-d6	6.894	99	1553	0.268	ng		0.00
8) Nitrobenzene-d5	8.865	82	1015	0.359	ng		-0.01
11) 2-Methylnaphthalene-d10	12.106	152	2150	0.366	ng		0.00
14) 2,4,6-Tribromophenol	15.845	330	198	0.241	ng		-0.01
15) 2-Fluorobiphenyl	12.988	172	3945	0.356	ng		-0.01
27) Fluoranthene-d10	19.132	212	3496	0.376	ng		0.00
31) Terphenyl-d14	19.740	244	2079	0.367	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.254	88	331	0.196	ng		90
3) n-Nitrosodimethylamine	3.564	42	399	0.200	ng	#	92
6) bis(2-Chloroethyl)ether	7.161	93	821	0.177	ng		91
9) Naphthalene	10.562	128	2017	0.179	ng	#	93
10) Hexachlorobutadiene	10.861	225	498	0.217	ng	#	99
12) 2-Methylnaphthalene	12.182	142	1138	0.157	ng		97
16) Acenaphthylene	14.078	152	1801	0.191	ng		99
17) Acenaphthene	14.420	154	1058	0.174	ng		96
18) Fluorene	15.414	166	1332	0.175	ng		97
20) 4,6-Dinitro-2-methylph...	15.478	198	63	0.219	ng	#	78
21) 4-Bromophenyl-phenylether	16.304	248	407	0.173	ng	#	85
22) Hexachlorobenzene	16.416	284	573	0.201	ng	#	91
23) Atrazine	16.565	200	197	0.158	ng	#	85
24) Pentachlorophenol	16.751	266	154	0.125	ng		97
25) Phenanthrene	17.136	178	1969	0.181	ng		99
26) Anthracene	17.235	178	1803	0.176	ng		100
28) Fluoranthene	19.164	202	2041	0.167	ng		99
30) Pyrene	19.527	202	1991	0.180	ng		100
32) Benzo(a)anthracene	21.268	228	1646	0.172	ng		96
33) Chrysene	21.322	228	1828	0.187	ng		99
34) Bis(2-ethylhexyl)phtha...	21.232	149	537	0.253	ng	#	99
36) Indeno(1,2,3-cd)pyrene	25.803	276	1650	0.165	ng		95
37) Benzo(b)fluoranthene	22.856	252	1594	0.164	ng	#	87
38) Benzo(k)fluoranthene	22.902	252	1678	0.171	ng	#	84
39) Benzo(a)pyrene	23.429	252	1389	0.172	ng	#	84
40) Dibenzo(a,h)anthracene	25.820	278	1263	0.157	ng	#	88
41) Benzo(g,h,i)perylene	26.493	276	1458	0.169	ng	#	90

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

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