Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091125\
Data File : BN037701.D
Acq On : 11 Sep 2025 15:58
Operator : RC/JU
Sample : Q2893-03
Misc : MDL-SOIL 0.2 ng
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2025

Quant Time: Sep 11 17:02:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.840	152	4510	0.400	ng		0.00
7) Naphthalene-d8	10.648	136	12019	0.400	ng		0.00
13) Acenaphthene-d10	14.495	164	5455	0.400	ng		0.00
19) Phenanthrene-d10	17.236	188	9477	0.400	ng		0.00
29) Chrysene-d12	21.420	240	7381	0.400	ng		0.00
35) Perylene-d12	23.750	264	7591	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.399	112	3285	0.317	ng		0.00
5) Phenol-d6	6.988	99	4326	0.322	ng		0.00
8) Nitrobenzene-d5	8.993	82	3280	0.373	ng		0.00
11) 2-Methylnaphthalene-d10	12.243	152	6478	0.407	ng		0.00
14) 2,4,6-Tribromophenol	15.982	330	448	0.315	ng		0.00
15) 2-Fluorobiphenyl	13.115	172	8894	0.390	ng		0.00
27) Fluoranthene-d10	19.271	212	9690	0.407	ng		0.00
31) Terphenyl-d14	19.870	244	6200	0.414	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.304	88	1091	0.232	ng		94
3) n-Nitrosodimethylamine	3.608	42	1231	0.201	ng		95
6) bis(2-Chloroethyl)ether	7.255	93	2471	0.206	ng		99
9) Naphthalene	10.690	128	6394	0.195	ng		97
10) Hexachlorobutadiene	11.000	225	1250	0.210	ng	#	99
12) 2-Methylnaphthalene	12.314	142	3582	0.176	ng		99
16) Acenaphthylene	14.206	152	5311	0.212	ng		99
17) Acenaphthene	14.559	154	3247	0.192	ng		97
18) Fluorene	15.535	166	3864	0.189	ng		97
20) 4,6-Dinitro-2-methylph...	15.610	198	156	0.178	ng	#	43
21) 4-Bromophenyl-phenylether	16.441	248	1237	0.200	ng		96
22) Hexachlorobenzene	16.553	284	1489	0.209	ng		100
23) Atrazine	16.702	200	740	0.188	ng	#	94
24) Pentachlorophenol	16.888	266	407	0.197	ng		96
25) Phenanthrene	17.285	178	5884	0.197	ng		99
26) Anthracene	17.372	178	5306	0.201	ng		100
28) Fluoranthene	19.299	202	5981	0.183	ng		100
30) Pyrene	19.661	202	5944	0.206	ng		100
32) Benzo(a)anthracene	21.402	228	5184	0.201	ng		99
33) Chrysene	21.456	228	5533	0.200	ng		97
34) Bis(2-ethylhexyl)phtha...	21.349	149	1538	0.202	ng		98
36) Indeno(1,2,3-cd)pyrene	26.139	276	6193	0.194	ng		99
37) Benzo(b)fluoranthene	23.049	252	5447	0.182	ng	#	90
38) Benzo(k)fluoranthene	23.095	252	5801	0.190	ng	#	86
39) Benzo(a)pyrene	23.651	252	4751	0.198	ng	#	87
40) Dibenzo(a,h)anthracene	26.162	278	4860	0.191	ng	#	88
41) Benzo(g,h,i)perylene	26.867	276	5331	0.187	ng		96

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

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