Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021225\
Data File : BN036434.D
Acq On : 12 Feb 2025 10:56
Operator : RC/JU
Sample : Q1168-03
Misc : MDL-MDL-SOIL 0.1 PPM
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT1-2025

Quant Time: Feb 12 11:26:55 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	2460	0.400	ng		0.00
7) Naphthalene-d8	10.541	136	5768	0.400	ng		0.00
13) Acenaphthene-d10	14.388	164	3684	0.400	ng		0.00
19) Phenanthrene-d10	17.136	188	8274	0.400	ng		0.00
29) Chrysene-d12	21.322	240	7177	0.400	ng		0.00
35) Perylene-d12	23.592	264	7305	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.341	112	2124	0.365	ng		0.00
5) Phenol-d6	6.930	99	2349	0.344	ng		0.00
8) Nitrobenzene-d5	8.907	82	1763	0.310	ng		0.00
11) 2-Methylnaphthalene-d10	12.141	152	4616	0.521	ng		0.00
14) 2,4,6-Tribromophenol	15.895	330	594	0.325	ng		0.01
15) 2-Fluorobiphenyl	13.019	172	4342	0.313	ng		0.00
27) Fluoranthene-d10	19.169	212	12385	0.538	ng		0.00
31) Terphenyl-d14	19.768	244	5852	0.382	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.268	88	338	0.126	ng		92
3) n-Nitrosodimethylamine	3.586	42	512	0.110	ng	#	86
6) bis(2-Chloroethyl)ether	7.176	93	665	0.093	ng		96
9) Naphthalene	10.594	128	1632	0.098	ng	#	89
10) Hexachlorobutadiene	10.883	225	422	0.104	ng	#	99
12) 2-Methylnaphthalene	12.212	142	1027	0.094	ng		96
16) Acenaphthylene	14.110	152	1654	0.102	ng		98
17) Acenaphthene	14.452	154	1092	0.100	ng		100
18) Fluorene	15.446	166	1541	0.100	ng		99
20) 4,6-Dinitro-2-methylph...	15.547	198	111	0.068	ng	#	13
21) 4-Bromophenyl-phenylether	16.342	248	487	0.099	ng	#	87
22) Hexachlorobenzene	16.453	284	676	0.111	ng		97
23) Atrazine	16.615	200	422	0.102	ng	#	83
24) Pentachlorophenol	16.801	266	138	0.048	ng		92
25) Phenanthrene	17.173	178	2462	0.103	ng		98
26) Anthracene	17.273	178	2279	0.108	ng		99
28) Fluoranthene	19.197	202	3160	0.108	ng		98
30) Pyrene	19.559	202	3139	0.114	ng		99
32) Benzo(a)anthracene	21.313	228	2710	0.115	ng		97
33) Chrysene	21.358	228	2938	0.115	ng		98
34) Bis(2-ethylhexyl)phtha...	21.241	149	1791	0.122	ng		99
36) Indeno(1,2,3-cd)pyrene	25.899	276	2854	0.112	ng		99
37) Benzo(b)fluoranthene	22.908	252	2933	0.122	ng	#	53
38) Benzo(k)fluoranthene	22.955	252	3093	0.125	ng	#	74
39) Benzo(a)pyrene	23.493	252	2589	0.123	ng	#	32
40) Dibenzo(a,h)anthracene	25.917	278	2101	0.104	ng	#	77
41) Benzo(g,h,i)perylene	26.595	276	2466	0.108	ng	#	89

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

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