Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091125\
Data File : BN037700.D
Acq On : 11 Sep 2025 15:21
Operator : RC/JU
Sample : Q2893-03
Misc : MDL-SOIL 0.1 ng
ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Sep 11 16:01:38 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	4511	0.400	ng		0.00
7) Naphthalene-d8	10.648	136	12071	0.400	ng		0.00
13) Acenaphthene-d10	14.495	164	5537	0.400	ng		0.00
19) Phenanthrene-d10	17.235	188	9893	0.400	ng		0.00
29) Chrysene-d12	21.420	240	7753	0.400	ng		0.00
35) Perylene-d12	23.750	264	8060	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.399	112	3242	0.313	ng		0.00
5) Phenol-d6	6.988	99	4207	0.313	ng		0.00
8) Nitrobenzene-d5	8.993	82	3218	0.364	ng		0.00
11) 2-Methylnaphthalene-d10	12.243	152	6568	0.411	ng		0.00
14) 2,4,6-Tribromophenol	15.982	330	430	0.298	ng		0.00
15) 2-Fluorobiphenyl	13.115	172	8801	0.380	ng		0.00
27) Fluoranthene-d10	19.271	212	10268	0.413	ng		0.00
31) Terphenyl-d14	19.870	244	6344	0.403	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.304	88	593	0.126	ng		92
3) n-Nitrosodimethylamine	3.615	42	611	0.100	ng	#	84
6) bis(2-Chloroethyl)ether	7.255	93	1296	0.108	ng		96
9) Naphthalene	10.690	128	3355	0.102	ng		95
10) Hexachlorobutadiene	11.000	225	646	0.108	ng	#	100
12) 2-Methylnaphthalene	12.314	142	1909	0.094	ng		98
16) Acenaphthylene	14.217	152	2797	0.110	ng		99
17) Acenaphthene	14.559	154	1720	0.100	ng		97
18) Fluorene	15.535	166	2012	0.097	ng		98
20) 4,6-Dinitro-2-methylph...	15.609	198	90	0.098	ng	#	1
21) 4-Bromophenyl-phenylether	16.441	248	658	0.102	ng		97
22) Hexachlorobenzene	16.553	284	796	0.107	ng		99
23) Atrazine	16.702	200	384	0.094	ng	#	91
24) Pentachlorophenol	16.888	266	204	0.095	ng		89
25) Phenanthrene	17.285	178	3250	0.104	ng		98
26) Anthracene	17.372	178	2834	0.103	ng		98
28) Fluoranthene	19.299	202	3272	0.096	ng		99
30) Pyrene	19.661	202	3235	0.107	ng		100
32) Benzo(a)anthracene	21.402	228	2853	0.106	ng		98
33) Chrysene	21.456	228	3053	0.105	ng		98
34) Bis(2-ethylhexyl)phtha...	21.349	149	923	0.115	ng	#	98
36) Indeno(1,2,3-cd)pyrene	26.142	276	3374	0.100	ng	#	83
37) Benzo(b)fluoranthene	23.046	252	3032	0.096	ng	#	78
38) Benzo(k)fluoranthene	23.092	252	3183	0.098	ng	#	71
39) Benzo(a)pyrene	23.648	252	2671	0.105	ng	#	74
40) Dibenzo(a,h)anthracene	26.162	278	2716	0.100	ng	#	76
41) Benzo(g,h,i)perylene	26.867	276	2911	0.096	ng	#	89

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

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