Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071125\
Data File : BN037478.D
Acq On : 11 Jul 2025 17:52
Operator : RC/JU
Sample : Q2126-03
Misc : MDL-SOIL-0.1 PPM
ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Jul 17 04:47:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 11 15:38:34 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.731	152	1737	0.400	ng		0.00
7) Naphthalene-d8	10.509	136	4084	0.400	ng		0.00
13) Acenaphthene-d10	14.355	164	1930	0.400	ng		-0.01
19) Phenanthrene-d10	17.099	188	3470	0.400	ng		0.00
29) Chrysene-d12	21.286	240	2585	0.400	ng		0.00
35) Perylene-d12	23.528	264	2567	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.319	112	1126	0.279	ng		0.00
5) Phenol-d6	6.894	99	1383	0.272	ng		0.00
8) Nitrobenzene-d5	8.864	82	949	0.320	ng		0.00
11) 2-Methylnaphthalene-d10	12.105	152	2035	0.367	ng		0.00
14) 2,4,6-Tribromophenol	15.845	330	168	0.257	ng		0.00
15) 2-Fluorobiphenyl	12.988	172	3702	0.336	ng		0.00
27) Fluoranthene-d10	19.131	212	3321	0.379	ng		0.00
31) Terphenyl-d14	19.740	244	1930	0.358	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.254	88	185	0.113	ng		88
3) n-Nitrosodimethylamine	3.564	42	174	0.080	ng	#	88
6) bis(2-Chloroethyl)ether	7.154	93	414	0.097	ng		98
9) Naphthalene	10.562	128	985	0.090	ng	#	87
10) Hexachlorobutadiene	10.861	225	254	0.096	ng	#	98
12) 2-Methylnaphthalene	12.177	142	557	0.081	ng	#	92
16) Acenaphthylene	14.077	152	870	0.099	ng		99
17) Acenaphthene	14.419	154	512	0.087	ng		99
18) Fluorene	15.414	166	656	0.088	ng		97
20) 4,6-Dinitro-2-methylph...	15.478	198	39	0.100	ng	#	45
21) 4-Bromophenyl-phenylether	16.304	248	192	0.089	ng		91
22) Hexachlorobenzene	16.416	284	288	0.096	ng		99
23) Atrazine	16.565	200	99	0.092	ng	#	76
24) Pentachlorophenol	16.751	266	74	0.072	ng	#	86
25) Phenanthrene	17.136	178	950	0.090	ng		99
26) Anthracene	17.235	178	882	0.092	ng		99
28) Fluoranthene	19.164	202	1005	0.087	ng		97
30) Pyrene	19.522	202	955	0.092	ng		99
32) Benzo(a)anthracene	21.268	228	808	0.092	ng	#	91
33) Chrysene	21.321	228	844	0.088	ng		92
34) Bis(2-ethylhexyl)phtha...	21.223	149	284	0.095	ng	#	90
36) Indeno(1,2,3-cd)pyrene	25.802	276	884	0.089	ng		96
37) Benzo(b)fluoranthene	22.852	252	801	0.080	ng	#	70
38) Benzo(k)fluoranthene	22.902	252	854	0.084	ng	#	65
39) Benzo(a)pyrene	23.428	252	715	0.089	ng	#	67
40) Dibenzo(a,h)anthracene	25.820	278	677	0.084	ng	#	72
41) Benzo(g,h,i)perylene	26.489	276	726	0.082	ng	#	80

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

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