Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121022\
Data File : BN023119.D
Acq On : 10 Dec 2022 12:53
Operator : CG/JU
Sample : N4955-03
Misc : MDL-MDL-SOIL 0.2ng
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2022

Quant Time: Dec 12 05:27:45 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 12 05:27:14 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.020	152	6872	0.400	ng		0.00
7) Naphthalene-d8	10.839	136	20040	0.400	ng		0.00
13) Acenaphthene-d10	14.666	164	10128	0.400	ng		0.01
19) Phenanthrene-d10	17.402	188	21929	0.400	ng	#	0.00
29) Chrysene-d12	21.593	240	17179	0.400	ng		0.00
35) Perylene-d12	24.048	264	13875	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.550	112	4046	0.316	ng		0.00
5) Phenol-d6	7.168	99	5040	0.310	ng		0.00
8) Nitrobenzene-d5	9.184	82	3660	0.277	ng		0.00
11) 2-Methylnaphthalene-d10	12.423	152	15758	0.464	ng		0.00
14) 2,4,6-Tribromophenol	16.148	330	1047	0.285	ng		0.00
15) 2-Fluorobiphenyl	13.287	172	12214	0.302	ng		0.00
27) Fluoranthene-d10	19.435	212	24052	0.469	ng		0.00
31) Terphenyl-d14	20.026	244	7932	0.284	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.398	88	1494	0.220	ng		98
3) n-Nitrosodimethylamine	3.737	42	1310	0.197	ng	#	99
6) bis(2-Chloroethyl)ether	7.435	93	4321	0.234	ng		99
9) Naphthalene	10.882	128	11059	0.217	ng		98
10) Hexachlorobutadiene	11.181	225	2201	0.226	ng	#	99
12) 2-Methylnaphthalene	12.113	142	1504	0.198	ng	#	92
16) Acenaphthylene	14.377	152	8286	0.203	ng		99
17) Acenaphthene	14.719	154	6188	0.206	ng		96
18) Fluorene	15.703	166	7052	0.210	ng		99
20) 4,6-Dinitro-2-methylph...	15.776	198	423	0.135	ng	#	67
21) 4-Bromophenyl-phenylether	16.595	248	2492	0.213	ng	#	89
22) Hexachlorobenzene	16.706	284	3389	0.221	ng		99
23) Atrazine	16.855	200	1524	0.185	ng	#	90
24) Pentachlorophenol	17.054	266	900	0.169	ng		98
25) Phenanthrene	17.451	178	13205	0.202	ng		99
26) Anthracene	17.538	178	10350	0.199	ng		99
28) Fluoranthene	19.464	202	13964	0.200	ng		98
30) Pyrene	19.827	202	13422	0.213	ng		100
32) Benzo(a)anthracene	21.575	228	10654	0.193	ng		99
33) Chrysene	21.629	228	13271	0.213	ng		100
34) Bis(2-ethylhexyl)phtha...	21.495	149	5013	0.214	ng		100
36) Indeno(1,2,3-cd)pyrene	26.615	276	12570	0.202	ng		98
37) Benzo(b)fluoranthene	23.297	252	12477	0.217	ng	#	92
38) Benzo(k)fluoranthene	23.344	252	11786	0.202	ng	#	93
39) Benzo(a)pyrene	23.940	252	10554	0.245	ng	#	87
40) Dibenzo(a,h)anthracene	26.642	278	9953	0.199	ng		96
41) Benzo(g,h,i)perylene	27.411	276	10727	0.201	ng		98

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

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