Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011723\
Data File : BN023676.D
Acq On : 17 Jan 2023 11:14
Operator : CG/JU
Sample : N3214-03
Misc : MDL-MDL-SOIL 0.1ng
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2022

Quant Time: Jan 18 05:23:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 18 05:20:50 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.955	152	6627	0.400	ng		0.00
7) Naphthalene-d8	10.776	136	19077	0.400	ng		0.01
13) Acenaphthene-d10	14.602	164	10220	0.400	ng		0.00
19) Phenanthrene-d10	17.352	188	22573	0.400	ng		0.00
29) Chrysene-d12	21.549	240	18086	0.400	ng		0.00
35) Perylene-d12	23.990	264	14000	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.500	112	3798	0.289	ng		0.00
5) Phenol-d6	7.118	99	4813	0.284	ng		0.01
8) Nitrobenzene-d5	9.121	82	3934	0.274	ng		0.01
11) 2-Methylnaphthalene-d10	12.363	152	11642	0.442	ng		0.00
14) 2,4,6-Tribromophenol	16.099	330	1129	0.255	ng		0.00
15) 2-Fluorobiphenyl	13.233	172	12138	0.294	ng		0.01
27) Fluoranthene-d10	19.388	212	24892	0.450	ng		0.00
31) Terphenyl-d14	19.987	244	14941	0.326	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.348	88	819	0.138	ng	#	79
3) n-Nitrosodimethylamine	3.694	42	493	0.074	ng		81
6) bis(2-Chloroethyl)ether	7.378	93	2006	0.112	ng		100
9) Naphthalene	10.818	128	5199	0.103	ng		98
10) Hexachlorobutadiene	11.107	225	1064	0.104	ng	#	98
12) 2-Methylnaphthalene	12.435	142	3987	0.110	ng		98
16) Acenaphthylene	14.324	152	3874	0.094	ng		99
17) Acenaphthene	14.666	154	2959	0.098	ng		98
18) Fluorene	15.660	166	4055	0.100	ng		100
20) 4,6-Dinitro-2-methylph...	15.739	198	179	0.073	ng	#	1
21) 4-Bromophenyl-phenylether	16.545	248	1239	0.096	ng		95
22) Hexachlorobenzene	16.657	284	1653	0.103	ng		100
23) Atrazine	16.818	200	798	0.090	ng	#	95
24) Pentachlorophenol	17.005	266	524	0.094	ng		96
25) Phenanthrene	17.402	178	6533	0.099	ng		100
26) Anthracene	17.489	178	4952	0.093	ng		99
28) Fluoranthene	19.422	202	7180	0.096	ng		99
30) Pyrene	19.785	202	6888	0.099	ng		100
32) Benzo(a)anthracene	21.531	228	5641	0.096	ng		98
33) Chrysene	21.584	228	6690	0.104	ng		98
34) Bis(2-ethylhexyl)phtha...	21.459	149	2989	0.109	ng		98
36) Indeno(1,2,3-cd)pyrene	26.540	276	5957	0.095	ng		100
37) Benzo(b)fluoranthene	23.242	252	6396	0.107	ng	#	86
38) Benzo(k)fluoranthene	23.291	252	5649	0.097	ng	#	87
39) Benzo(a)pyrene	23.882	252	5060	0.112	ng	#	81
40) Dibenzo(a,h)anthracene	26.560	278	4554	0.091	ng	#	89
41) Benzo(g,h,i)perylene	27.323	276	5098	0.099	ng		95

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

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