Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031623\
Data File : BN024307.D
Acq On : 16 Mar 2023 11:51
Operator : CG/JU
Sample : 01627-03
Misc : MDL-MDL-SOIL 0.1ng
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT1-2022

Quant Time: Mar 17 04:40:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 17 04:37:08 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.040	152	7857	0.400	ng		0.00
7) Naphthalene-d8	10.855	136	22148	0.400	ng		# 0.00
13) Acenaphthene-d10	14.675	164	10043	0.400	ng		0.00
19) Phenanthrene-d10	17.413	188	20079	0.400	ng		# 0.00
29) Chrysene-d12	21.610	240	12749	0.400	ng		# 0.00
35) Perylene-d12	24.120	264	9326	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.584	112	5663	0.326	ng		0.00
5) Phenol-d6	7.188	99	7253	0.324	ng		0.00
8) Nitrobenzene-d5	9.200	82	5358	0.362	ng		0.00
11) 2-Methylnaphthalene-d10	12.440	152	10958	0.403	ng		0.00
14) 2,4,6-Tribromophenol	16.159	330	1247	0.243	ng		0.00
15) 2-Fluorobiphenyl	13.307	172	13022	0.343	ng		0.00
27) Fluoranthene-d10	19.446	212	17287	0.406	ng		0.00
31) Terphenyl-d14	20.034	244	7413	0.345	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.439	88	935	0.109	ng		95
3) n-Nitrosodimethylamine	3.764	42	1302	0.104	ng	#	89
6) bis(2-Chloroethyl)ether	7.462	93	2159	0.097	ng		94
9) Naphthalene	10.909	128	5347	0.095	ng		95
10) Hexachlorobutadiene	11.197	225	1030	0.096	ng	#	98
12) 2-Methylnaphthalene	12.512	142	3198	0.084	ng		97
16) Acenaphthylene	14.397	152	4126	0.087	ng		100
17) Acenaphthene	14.739	154	2704	0.089	ng		94
18) Fluorene	15.712	166	3017	0.083	ng		99
20) 4,6-Dinitro-2-methylph...	15.787	198	122	0.211	ng	#	1
21) 4-Bromophenyl-phenylether	16.606	248	977	0.082	ng	#	75
22) Hexachlorobenzene	16.730	284	1413	0.096	ng		94
23) Atrazine	16.867	200	585	0.077	ng	#	87
24) Pentachlorophenol	17.065	266	243	0.156	ng		93
25) Phenanthrene	17.462	178	5326	0.090	ng		98
26) Anthracene	17.549	178	4364	0.079	ng		99
28) Fluoranthene	19.476	202	5408	0.083	ng		98
30) Pyrene	19.838	202	5168	0.100	ng		100
32) Benzo(a)anthracene	21.592	228	3648	0.086	ng		98
33) Chrysene	21.646	228	4230	0.093	ng		97
34) Bis(2-ethylhexyl)phtha...	21.511	149	2078	0.104	ng	#	97
36) Indeno(1,2,3-cd)pyrene	26.746	276	2868	0.082	ng		97
37) Benzo(b)fluoranthene	23.348	252	3546	0.098	ng	#	62
38) Benzo(k)fluoranthene	23.404	252	3325	0.089	ng	#	61
39) Benzo(a)pyrene	24.006	252	2617	0.079	ng	#	48
40) Dibenzo(a,h)anthracene	26.775	278	2012	0.074	ng	#	65
41) Benzo(g,h,i)perylene	27.555	276	2721	0.086	ng	#	86

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

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