Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031623\
Data File : BN024308.D
Acq On : 16 Mar 2023 12:27
Operator : CG/JU
Sample : 01627-03
Misc : MDL-MDL-SOIL 0.2ng
ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Mar 17 04:41:11 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	8601	0.400	ng		0.00
7) Naphthalene-d8	10.855	136	24402	0.400	ng		# 0.00
13) Acenaphthene-d10	14.675	164	11040	0.400	ng		0.00
19) Phenanthrene-d10	17.413	188	22149	0.400	ng		# 0.00
29) Chrysene-d12	21.610	240	14433	0.400	ng		0.00
35) Perylene-d12	24.123	264	10746	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.584	112	6166	0.324	ng		0.00
5) Phenol-d6	7.188	99	8122	0.332	ng		0.00
8) Nitrobenzene-d5	9.200	82	5944	0.365	ng		0.00
11) 2-Methylnaphthalene-d10	12.440	152	11914	0.397	ng		0.00
14) 2,4,6-Tribromophenol	16.159	330	1382	0.245	ng		0.00
15) 2-Fluorobiphenyl	13.307	172	14630	0.351	ng		0.00
27) Fluoranthene-d10	19.446	212	18408	0.392	ng		0.00
31) Terphenyl-d14	20.033	244	8179	0.336	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.439	88	1936	0.207	ng		94
3) n-Nitrosodimethylamine	3.764	42	2806	0.205	ng		91
6) bis(2-Chloroethyl)ether	7.455	93	4597	0.189	ng		95
9) Naphthalene	10.909	128	11196	0.180	ng		98
10) Hexachlorobutadiene	11.197	225	2170	0.184	ng	#	99
12) 2-Methylnaphthalene	12.512	142	6633	0.158	ng		99
16) Acenaphthylene	14.397	152	8735	0.167	ng		100
17) Acenaphthene	14.739	154	5697	0.171	ng		95
18) Fluorene	15.712	166	6259	0.157	ng		98
20) 4,6-Dinitro-2-methylph...	15.787	198	273	0.244	ng	#	44
21) 4-Bromophenyl-phenylether	16.606	248	2015	0.153	ng	#	82
22) Hexachlorobenzene	16.730	284	2910	0.180	ng		96
23) Atrazine	16.867	200	1261	0.151	ng	#	91
24) Pentachlorophenol	17.065	266	609	0.190	ng		98
25) Phenanthrene	17.462	178	11282	0.172	ng		99
26) Anthracene	17.549	178	9221	0.152	ng		99
28) Fluoranthene	19.475	202	11047	0.154	ng		98
30) Pyrene	19.838	202	10875	0.186	ng		100
32) Benzo(a)anthracene	21.592	228	7869	0.163	ng		100
33) Chrysene	21.646	228	9119	0.177	ng		99
34) Bis(2-ethylhexyl)phtha...	21.511	149	3992	0.176	ng	#	96
36) Indeno(1,2,3-cd)pyrene	26.743	276	6502	0.162	ng		97
37) Benzo(b)fluoranthene	23.348	252	7714	0.185	ng	#	83
38) Benzo(k)fluoranthene	23.404	252	7335	0.170	ng	#	83
39) Benzo(a)pyrene	24.003	252	5857	0.153	ng	#	71
40) Dibenzo(a,h)anthracene	26.766	278	4711	0.151	ng	#	84
41) Benzo(g,h,i)perylene	27.553	276	6151	0.169	ng		92

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

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