Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013124\
Data File : BN029470.D
Acq On : 01 Feb 2024 04:23
Operator : MA/JU
Sample : 04699-03
Misc : MDL-MDL-SOIL-0.2NG
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2023

Quant Time: Feb 01 04:52:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 01:51:59 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.898	152	4131	0.400	ng		0.00
7) Naphthalene-d8	10.701	136	11126	0.400	ng		# 0.01
13) Acenaphthene-d10	14.532	164	5174	0.400	ng		0.00
19) Phenanthrene-d10	17.280	188	10125	0.400	ng		# 0.00
29) Chrysene-d12	21.483	240	6754	0.400	ng		0.00
35) Perylene-d12	23.867	264	6550	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.464	112	3649	0.368	ng		0.00
5) Phenol-d6	7.060	99	4219	0.368	ng		0.00
8) Nitrobenzene-d5	9.057	82	3101	0.335	ng		0.00
11) 2-Methylnaphthalene-d10	12.287	152	8072	0.533	ng		0.00
14) 2,4,6-Tribromophenol	16.027	330	547	0.330	ng		0.00
15) 2-Fluorobiphenyl	13.164	172	7594	0.342	ng		0.00
27) Fluoranthene-d10	19.322	212	13540	0.552	ng		0.00
31) Terphenyl-d14	19.931	244	5716	0.341	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.377	88	1271	0.219	ng		97
3) n-Nitrosodimethylamine	3.723	42	774	0.163	ng	#	96
6) bis(2-Chloroethyl)ether	7.334	93	2074	0.190	ng		97
9) Naphthalene	10.744	128	6078	0.192	ng		98
10) Hexachlorobutadiene	11.021	225	1101	0.183	ng	#	100
12) 2-Methylnaphthalene	12.363	142	3518	0.189	ng		98
16) Acenaphthylene	14.254	152	4835	0.197	ng		100
17) Acenaphthene	14.597	154	3110	0.189	ng		99
18) Fluorene	15.580	166	3855	0.186	ng		99
20) 4,6-Dinitro-2-methylph...	15.667	198	237	0.159	ng	#	73
21) 4-Bromophenyl-phenylether	16.486	248	1105	0.183	ng	#	77
22) Hexachlorobenzene	16.585	284	1372	0.186	ng		98
23) Atrazine	16.759	200	830	0.194	ng	#	94
24) Pentachlorophenol	16.933	266	302	0.129	ng		97
25) Phenanthrene	17.330	178	5737	0.192	ng		99
26) Anthracene	17.417	178	4735	0.185	ng		99
28) Fluoranthene	19.350	202	5943	0.176	ng		99
30) Pyrene	19.717	202	6000	0.193	ng		99
32) Benzo(a)anthracene	21.474	228	4459	0.193	ng		99
33) Chrysene	21.519	228	4819	0.184	ng		100
34) Bis(2-ethylhexyl)phtha...	21.420	149	3100	0.197	ng	#	98
36) Indeno(1,2,3-cd)pyrene	26.326	276	4705	0.179	ng	#	83
37) Benzo(b)fluoranthene	23.145	252	4364	0.186	ng	#	89
38) Benzo(k)fluoranthene	23.192	252	4402	0.180	ng	#	85
39) Benzo(a)pyrene	23.762	252	3686	0.181	ng	#	84
40) Dibenzo(a,h)anthracene	26.361	278	3655	0.174	ng	#	89
41) Benzo(g,h,i)perylene	27.083	276	4456	0.175	ng		92

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

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