Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052523\
Data File : BN025601.D
Acq On : 26 May 2023 00:45
Operator : CG/JU
Sample : 02213-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2023

Quant Time: May 26 02:28:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 26 00:32:23 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.048	152	4410	0.400	ng		0.00
7) Naphthalene-d8	10.867	136	11795	0.400	ng		0.00
13) Acenaphthene-d10	14.673	164	6260	0.400	ng		-0.01
19) Phenanthrene-d10	17.423	188	11771	0.400	ng		0.00
29) Chrysene-d12	21.598	240	7495	0.400	ng		0.00
35) Perylene-d12	24.091	264	7683	0.400	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.586	112	4520	0.392	ng		0.00
5) Phenol-d6	7.196	99	4834	0.383	ng		0.00
8) Nitrobenzene-d5	9.223	82	3261	0.368	ng		0.01
11) 2-Methylnaphthalene-d10	12.449	152	8505	0.526	ng		0.00
14) 2,4,6-Tribromophenol	16.194	330	50	0.372	ng		0.01
15) 2-Fluorobiphenyl	13.304	172	10583	0.405	ng		-0.01
27) Fluoranthene-d10	19.443	212	13928	0.543	ng		0.00
31) Terphenyl-d14	20.031	244	6109	0.407	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.433	88	1211	0.228	ng		94
3) n-Nitrosodimethylamine	3.794	42	646	0.124	ng	#	90
6) bis(2-Chloroethyl)ether	7.463	93	3938	0.264	ng		89
9) Naphthalene	10.921	128	7130	0.221	ng		96
10) Hexachlorobutadiene	11.198	225	1312	0.228	ng	#	98
12) 2-Methylnaphthalene	12.525	142	4442	0.208	ng		99
16) Acenaphthylene	14.405	152	6046	0.206	ng		99
17) Acenaphthene	14.737	154	4220	0.218	ng		99
18) Fluorene	15.722	166	4992	0.211	ng		97
20) 4,6-Dinitro-2-methylph...	15.871	198	28	0.336	ng	#	24
21) 4-Bromophenyl-phenylether	16.616	248	1357	0.202	ng	#	92
22) Hexachlorobenzene	16.727	284	1516	0.235	ng		98
23) Atrazine	16.876	200	1098	0.230	ng	#	93
24) Pentachlorophenol	17.212	266	10	0.508	ng	#	60
25) Phenanthrene	17.460	178	7805	0.216	ng		100
26) Anthracene	17.559	178	6593	0.207	ng		99
28) Fluoranthene	19.473	202	7794	0.208	ng		99
30) Pyrene	19.835	202	8017	0.216	ng		100
32) Benzo(a)anthracene	21.580	228	6035	0.216	ng		99
33) Chrysene	21.634	228	6473	0.214	ng		98
34) Bis(2-ethylhexyl)phtha...	21.491	149	3905	0.215	ng		98
36) Indeno(1,2,3-cd)pyrene	26.702	276	7756	0.237	ng		97
37) Benzo(b)fluoranthene	23.328	252	6566	0.225	ng	#	83
38) Benzo(k)fluoranthene	23.375	252	6435	0.216	ng	#	81
39) Benzo(a)pyrene	23.977	252	5683	0.203	ng	#	68
40) Dibenzo(a,h)anthracene	26.723	278	5987	0.232	ng	#	85
41) Benzo(g,h,i)perylene	27.500	276	7001	0.241	ng		94

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

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