Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031423\
Data File : BN024282.D
Acq On : 14 Mar 2023 16:04
Operator : CG/JU
Sample : 01627-01
Misc : LOD-MDL-SOIL 0.2ppm
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

Quant Time: Mar 15 01:55:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 15 01:49:05 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.047	152	8181	0.400	ng		0.00
7) Naphthalene-d8	10.866	136	23329	0.400	ng		0.00
13) Acenaphthene-d10	14.675	164	11477	0.400	ng		0.00
19) Phenanthrene-d10	17.425	188	22990	0.400	ng		0.00
29) Chrysene-d12	21.619	240	17518	0.400	ng		0.00
35) Perylene-d12	24.114	264	15324	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.584	112	7252	0.400	ng		0.00
5) Phenol-d6	7.195	99	9339	0.401	ng		0.00
8) Nitrobenzene-d5	9.211	82	6150	0.395	ng		0.00
11) 2-Methylnaphthalene-d10	12.444	152	13348	0.465	ng		0.00
14) 2,4,6-Tribromophenol	16.159	330	1821	0.310	ng		0.00
15) 2-Fluorobiphenyl	13.307	172	16592	0.383	ng		0.00
27) Fluoranthene-d10	19.450	212	23157	0.475	ng		0.00
31) Terphenyl-d14	20.042	244	11193	0.379	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.439	88	2030	0.228	ng		98
3) n-Nitrosodimethylamine	3.764	42	2815	0.216	ng	#	96
6) bis(2-Chloroethyl)ether	7.462	93	4895	0.212	ng		97
9) Naphthalene	10.909	128	12105	0.204	ng		99
10) Hexachlorobutadiene	11.197	225	2375	0.211	ng	#	99
12) 2-Methylnaphthalene	12.516	142	7401	0.185	ng		99
16) Acenaphthylene	14.397	152	10044	0.185	ng		100
17) Acenaphthene	14.739	154	6565	0.189	ng		96
18) Fluorene	15.725	166	7589	0.183	ng		100
20) 4,6-Dinitro-2-methylph...	15.787	198	334	0.256	ng	#	46
21) 4-Bromophenyl-phenylether	16.606	248	2367	0.173	ng	#	70
22) Hexachlorobenzene	16.730	284	3428	0.204	ng		98
23) Atrazine	16.867	200	1567	0.181	ng	#	89
24) Pentachlorophenol	17.065	266	842	0.211	ng		99
25) Phenanthrene	17.462	178	13225	0.194	ng		100
26) Anthracene	17.549	178	11170	0.178	ng		100
28) Fluoranthene	19.480	202	13787	0.185	ng		99
30) Pyrene	19.842	202	13840	0.195	ng		100
32) Benzo(a)anthracene	21.601	228	10767	0.184	ng		100
33) Chrysene	21.655	228	12131	0.194	ng		100
34) Bis(2-ethylhexyl)phtha...	21.511	149	4850	0.176	ng		100
36) Indeno(1,2,3-cd)pyrene	26.719	276	10414	0.182	ng		98
37) Benzo(b)fluoranthene	23.348	252	11512	0.193	ng	#	90
38) Benzo(k)fluoranthene	23.398	252	10934	0.178	ng	#	91
39) Benzo(a)pyrene	24.000	252	9066	0.166	ng	#	80
40) Dibenzo(a,h)anthracene	26.743	278	7603	0.171	ng		92
41) Benzo(g,h,i)perylene	27.529	276	9822	0.189	ng		96

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

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