Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011723\
Data File : BN023692.D
Acq On : 17 Jan 2023 21:56
Operator : CG/JU
Sample : N3980-01
Misc : LOD-MDL-SOIL 0.2ng
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

Quant Time: Jan 18 05:49:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 18 05:42:43 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.984	152	4230	0.400	ng		0.00
7) Naphthalene-d8	10.808	136	12239	0.400	ng		0.01
13) Acenaphthene-d10	14.634	164	6564	0.400	ng		0.00
19) Phenanthrene-d10	17.390	188	14045	0.400	ng	#	0.01
29) Chrysene-d12	21.571	240	10488	0.400	ng	#	0.00
35) Perylene-d12	24.039	264	7666	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.522	112	2534	0.302	ng		0.00
5) Phenol-d6	7.139	99	3243	0.300	ng		0.00
8) Nitrobenzene-d5	9.153	82	2436	0.265	ng		0.01
11) 2-Methylnaphthalene-d10	12.393	152	8019	0.475	ng		0.00
14) 2,4,6-Tribromophenol	16.124	330	777	0.273	ng		0.00
15) 2-Fluorobiphenyl	13.266	172	7467	0.281	ng		0.01
27) Fluoranthene-d10	19.418	212	14822	0.431	ng		0.00
31) Terphenyl-d14	20.013	244	5289	0.199	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.355	88	801	0.211	ng		98
3) n-Nitrosodimethylamine	3.702	42	856	0.201	ng	#	95
6) bis(2-Chloroethyl)ether	7.407	93	2507	0.220	ng		98
9) Naphthalene	10.850	128	6611	0.204	ng		99
10) Hexachlorobutadiene	11.139	225	1409	0.215	ng	#	97
12) 2-Methylnaphthalene	12.465	142	4942	0.213	ng		99
16) Acenaphthylene	14.356	152	5030	0.190	ng		99
17) Acenaphthene	14.698	154	3760	0.194	ng		97
18) Fluorene	15.682	166	5315	0.204	ng		97
20) 4,6-Dinitro-2-methylph...	15.764	198	256	0.168	ng	#	46
21) 4-Bromophenyl-phenylether	16.570	248	1562	0.195	ng	#	86
22) Hexachlorobenzene	16.695	284	2158	0.216	ng		99
23) Atrazine	16.843	200	1046	0.189	ng	#	95
24) Pentachlorophenol	17.042	266	652	0.188	ng		99
25) Phenanthrene	17.427	178	8167	0.199	ng		99
26) Anthracene	17.514	178	6297	0.191	ng		100
28) Fluoranthene	19.448	202	8515	0.183	ng		99
30) Pyrene	19.810	202	8299	0.207	ng		99
32) Benzo(a)anthracene	21.553	228	6415	0.189	ng		98
33) Chrysene	21.616	228	7527	0.202	ng		99
34) Bis(2-ethylhexyl)phtha...	21.482	149	3581	0.226	ng		97
36) Indeno(1,2,3-cd)pyrene	26.623	276	6227	0.181	ng		99
37) Benzo(b)fluoranthene	23.281	252	6857	0.209	ng	#	92
38) Benzo(k)fluoranthene	23.331	252	6435	0.202	ng	#	90
39) Benzo(a)pyrene	23.928	252	5572	0.226	ng		91
40) Dibenzo(a,h)anthracene	26.641	278	4976	0.181	ng		92
41) Benzo(g,h,i)perylene	27.415	276	5406	0.192	ng		95

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

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