Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031722\
Data File : BN018998.D
Acq On : 17 Mar 2022 17:18
Operator : CG/JU
Sample : N1645-01
Misc : LOD-MDL-SOIL 0.2ng
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

Quant Time: Mar 17 17:50:33 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 17 17:08:56 2022
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.854	152	4618	0.400	ng		0.00
7) Naphthalene-d8	10.658	136	12546	0.400	ng	#	0.00
13) Acenaphthene-d10	14.495	164	8164	0.400	ng		0.00
19) Phenanthrene-d10	17.236	188	17217	0.400	ng	#	0.00
29) Chrysene-d12	21.422	240	11589	0.400	ng	#	0.00
35) Perylene-d12	23.793	264	8160	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.406	112	3930	0.380	ng		0.00
5) Phenol-d6	7.017	99	3764	0.347	ng		0.00
8) Nitrobenzene-d5	9.014	82	2943	0.325	ng		0.00
11) 2-Methylnaphthalene-d10	12.253	152	6996	0.336	ng		0.00
14) 2,4,6-Tribromophenol	15.985	330	1143	0.290	ng		0.00
15) 2-Fluorobiphenyl	13.127	172	11601	0.354	ng		0.00
27) Fluoranthene-d10	19.265	212	17611	0.345	ng		0.00
31) Terphenyl-d14	19.864	244	10779	0.379	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.247	88	1245	0.218	ng		93
3) n-Nitrosodimethylamine	3.572	42	1207	0.181	ng	#	94
6) bis(2-Chloroethyl)ether	7.269	93	2402	0.186	ng		98
9) Naphthalene	10.712	128	6786	0.190	ng		98
10) Hexachlorobutadiene	11.011	225	1648	0.189	ng	#	100
12) 2-Methylnaphthalene	12.325	142	4633	0.191	ng		99
16) Acenaphthylene	14.217	152	6244	0.165	ng		99
17) Acenaphthene	14.559	154	4786	0.180	ng		100
18) Fluorene	15.543	166	5822	0.174	ng		99
20) 4,6-Dinitro-2-methylph...	15.628	198	224	0.105	ng	#	6
21) 4-Bromophenyl-phenylether	16.426	248	1717	0.158	ng	#	81
22) Hexachlorobenzene	16.549	284	2614	0.187	ng		99
23) Atrazine	16.692	200	1293	0.159	ng		98
24) Pentachlorophenol	16.897	266	471	0.110	ng		98
25) Phenanthrene	17.277	178	9202	0.171	ng		99
26) Anthracene	17.369	178	7074	0.155	ng		100
28) Fluoranthene	19.295	202	11132	0.176	ng		99
30) Pyrene	19.657	202	11161	0.193	ng		100
32) Benzo(a)anthracene	21.404	228	5201	0.146	ng		97
33) Chrysene	21.458	228	9040	0.188	ng		99
34) Bis(2-ethylhexyl)phtha...	21.333	149	4031	0.170	ng		99
36) Indeno(1,2,3-cd)pyrene	26.255	276	5244m	0.178	ng		
37) Benzo(b)fluoranthene	23.071	252	5280	0.177	ng	#	81
38) Benzo(k)fluoranthene	23.118	252	7802m	0.191	ng		
39) Benzo(a)pyrene	23.694	252	5444	0.201	ng	#	64
40) Dibenzo(a,h)anthracene	26.276	278	4062m	0.177	ng		
41) Benzo(g,h,i)perylene	27.006	276	5226	0.181	ng		93

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

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