Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031722\
Data File : BN019005.D
Acq On : 17 Mar 2022 21:31
Operator : CG/JU
Sample : N1645-01
Misc : LOD-MDL-SOIL 0.1ng
ALS Vial : 12 Sample Multiplier: 1

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

Manual Integrations APPROVED

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

Quant Time: Mar 18 12:11:00 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 12:09:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.854	152	5442	0.400	ng		0.00
7) Naphthalene-d8	10.658	136	14504	0.400	ng		# 0.00
13) Acenaphthene-d10	14.495	164	9190	0.400	ng		0.00
19) Phenanthrene-d10	17.236	188	18484	0.400	ng		# 0.00
29) Chrysene-d12	21.422	240	10969	0.400	ng		# 0.00
35) Perylene-d12	23.790	264	8161	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.406	112	4782	0.392	ng		0.00
5) Phenol-d6	7.017	99	4385	0.343	ng		0.00
8) Nitrobenzene-d5	9.014	82	3308	0.316	ng		0.00
11) 2-Methylnaphthalene-d10	12.253	152	8310	0.345	ng		0.00
14) 2,4,6-Tribromophenol	15.984	330	1201	0.271	ng		0.00
15) 2-Fluorobiphenyl	13.116	172	13128	0.356	ng		-0.01
27) Fluoranthene-d10	19.265	212	18589	0.339	ng		0.00
31) Terphenyl-d14	19.864	244	11126	0.413	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.247	88	703	0.105	ng		96
3) n-Nitrosodimethylamine	3.579	42	685	0.087	ng	#	98
6) bis(2-Chloroethyl)ether	7.269	93	1449	0.095	ng		98
9) Naphthalene	10.712	128	4302	0.104	ng		97
10) Hexachlorobutadiene	11.011	225	1020	0.101	ng	#	99
12) 2-Methylnaphthalene	12.325	142	2758	0.098	ng		97
16) Acenaphthylene	14.217	152	3550	0.083	ng		98
17) Acenaphthene	14.559	154	2797	0.093	ng		99
18) Fluorene	15.543	166	3300	0.088	ng		99
20) 4,6-Dinitro-2-methylph...	15.639	198	118	0.052	ng	#	1
21) 4-Bromophenyl-phenylether	16.425	248	955	0.082	ng	#	83
22) Hexachlorobenzene	16.549	284	1569	0.104	ng		99
23) Atrazine	16.692	200	719	0.083	ng		92
24) Pentachlorophenol	16.897	266	230	0.050	ng		95
25) Phenanthrene	17.277	178	5149	0.089	ng		98
26) Anthracene	17.369	178	3711	0.076	ng		99
28) Fluoranthene	19.295	202	5937	0.088	ng		99
30) Pyrene	19.657	202	6101	0.112	ng		97
32) Benzo(a)anthracene	21.404	228	2594	0.077	ng		95
33) Chrysene	21.458	228	4608	0.101	ng		96
34) Bis(2-ethylhexyl)phtha...	21.333	149	2411	0.108	ng	#	100
36) Indeno(1,2,3-cd)pyrene	26.267	276	2982m	0.101	ng		
37) Benzo(b)fluoranthene	23.074	252	2810	0.094	ng	#	39
38) Benzo(k)fluoranthene	23.118	252	3779m	0.093	ng		
39) Benzo(a)pyrene	23.694	252	2904	0.107	ng	#	1
40) Dibenzo(a,h)anthracene	26.287	278	2305m	0.100	ng		
41) Benzo(g,h,i)perylene	26.998	276	2747	0.095	ng	#	85

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

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