Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031722\
Data File : BN018999.D
Acq On : 17 Mar 2022 17:55
Operator : CG/JU
Sample : N1645-02
Misc : LOQ-SOIL 0.1ng
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 18 02:00:05 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 01:58:41 2022
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT1-2022

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	4977	0.400	ng		0.00
7) Naphthalene-d8	10.658	136	13344	0.400	ng		# 0.00
13) Acenaphthene-d10	14.495	164	8688	0.400	ng		0.00
19) Phenanthrene-d10	17.236	188	17870	0.400	ng		# 0.00
29) Chrysene-d12	21.422	240	12079	0.400	ng		# 0.00
35) Perylene-d12	23.793	264	8985	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.406	112	4363	0.391	ng		0.00
5) Phenol-d6	7.017	99	4015	0.343	ng		0.00
8) Nitrobenzene-d5	9.014	82	3044	0.316	ng		0.00
11) 2-Methylnaphthalene-d10	12.253	152	7853	0.355	ng		0.00
14) 2,4,6-Tribromophenol	15.984	330	1212	0.289	ng		0.00
15) 2-Fluorobiphenyl	13.127	172	12239	0.351	ng		0.00
27) Fluoranthene-d10	19.265	212	19014	0.359	ng		0.00
31) Terphenyl-d14	19.864	244	11764	0.397	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.247	88	616	0.100	ng		98
3) n-Nitrosodimethylamine	3.579	42	619	0.086	ng	#	88
6) bis(2-Chloroethyl)ether	7.269	93	1292	0.093	ng		96
9) Naphthalene	10.712	128	3955	0.104	ng		95
10) Hexachlorobutadiene	11.011	225	920	0.099	ng	#	98
12) 2-Methylnaphthalene	12.325	142	2564	0.099	ng		97
16) Acenaphthylene	14.217	152	3418	0.085	ng		99
17) Acenaphthene	14.559	154	2662	0.094	ng		98
18) Fluorene	15.543	166	3198	0.090	ng		99
20) 4,6-Dinitro-2-methylph...	15.639	198	98	0.044	ng	#	1
21) 4-Bromophenyl-phenylether	16.425	248	903	0.080	ng	#	80
22) Hexachlorobenzene	16.549	284	1441	0.099	ng		98
23) Atrazine	16.692	200	738	0.088	ng		92
24) Pentachlorophenol	16.897	266	234	0.052	ng		92
25) Phenanthrene	17.277	178	5012	0.090	ng		99
26) Anthracene	17.369	178	3684	0.078	ng		99
28) Fluoranthene	19.295	202	6282	0.096	ng		99
30) Pyrene	19.657	202	6318	0.105	ng		99
32) Benzo(a)anthracene	21.404	228	2887	0.078	ng		95
33) Chrysene	21.458	228	5169	0.103	ng		97
34) Bis(2-ethylhexyl)phtha...	21.333	149	2528	0.102	ng	#	99
36) Indeno(1,2,3-cd)pyrene	26.258	276	3024m	0.093	ng		
37) Benzo(b)fluoranthene	23.074	252	2923	0.089	ng	#	42
38) Benzo(k)fluoranthene	23.118	252	4920m	0.110	ng		
39) Benzo(a)pyrene	23.691	252	3623m	0.121	ng		
40) Dibenzo(a,h)anthracene	26.290	278	2391m	0.095	ng		
41) Benzo(g,h,i)perylene	26.998	276	2965m	0.093	ng		

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

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