Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111821\
Data File : BN017505.D
Acq On : 18 Nov 2021 12:30
Operator : CG/JU
Sample : M4068-03
Misc : MDL-MDL-SOIL 0.1ng
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2021

Quant Time: Nov 18 13:14:57 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN111621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 16 14:06:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.874	152	25580	0.400	ng		0.00
7) Naphthalene-d8	10.661	136	108247	0.400	ng		# 0.00
13) Acenaphthene-d10	14.485	164	53644	0.400	ng		-0.01
19) Phenanthrene-d10	17.237	188	95686	0.400	ng		0.00
29) Chrysene-d12	21.419	240	63293	0.400	ng		# 0.00
35) Perylene-d12	23.797	264	39866	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.449	112	21926	0.360	ng		0.00
5) Phenol-d6	7.034	99	23610	0.360	ng		0.00
8) Nitrobenzene-d5	9.013	82	22998	0.343	ng		0.00
11) 2-Methylnaphthalene-d10	12.252	152	60168	0.338	ng		0.00
14) 2,4,6-Tribromophenol	15.982	330	3800	0.279	ng		0.00
15) 2-Fluorobiphenyl	13.128	172	84678	0.419	ng		0.00
27) Fluoranthene-d10	19.267	212	94343	0.330	ng		0.00
31) Terphenyl-d14	19.868	244	75415	0.485	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.392	88	836	0.074	ng	#	69
3) n-Nitrosodimethylamine	3.761	42	1596	0.074	ng		86
6) bis(2-Chloroethyl)ether	7.293	93	8431	0.120	ng		94
9) Naphthalene	10.711	128	30427	0.112	ng		99
10) Hexachlorobutadiene	11.016	225	6412	0.113	ng	#	100
12) 2-Methylnaphthalene	12.324	142	19484	0.113	ng		98
16) Acenaphthylene	14.206	152	18588	0.093	ng		100
17) Acenaphthene	14.549	154	15824	0.109	ng		98
18) Fluorene	15.538	166	18057	0.108	ng		100
20) 4,6-Dinitro-2-methylph...	15.627	198	51	0.106	ng	#	1
21) 4-Bromophenyl-phenylether	16.434	248	5554	0.102	ng	#	73
22) Hexachlorobenzene	16.544	284	6811	0.111	ng		97
23) Atrazine	16.702	200	2650	0.086	ng	#	94
24) Pentachlorophenol	16.896	266	482	0.119	ng		93
25) Phenanthrene	17.274	178	28891	0.110	ng		99
26) Anthracene	17.371	178	21556	0.099	ng		99
28) Fluoranthene	19.297	202	30521	0.108	ng		99
30) Pyrene	19.659	202	28918	0.127	ng		100
32) Benzo(a)anthracene	21.409	228	18520	0.095	ng		100
33) Chrysene	21.462	228	23399	0.116	ng		99
34) Bis(2-ethylhexyl)phtha...	21.345	149	9834	0.096	ng		99
36) Indeno(1,2,3-cd)pyrene	26.258	276	6197	0.067	ng		96
37) Benzo(b)fluoranthene	23.074	252	16485	0.110	ng	#	89
38) Benzo(k)fluoranthene	23.119	252	14465	0.105	ng	#	87
39) Benzo(a)pyrene	23.687	252	10981	0.095	ng	#	81
40) Dibenzo(a,h)anthracene	26.271	278	3858	0.055	ng	#	56
41) Benzo(g,h,i)perylene	26.997	276	7212	0.083	ng	#	90

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

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