Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111721\
Data File : BN017496.D
Acq On : 17 Nov 2021 16:53
Operator : CG/JU
Sample : M4068-02
Misc : LOQ-SOIL 0.2ng
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2021

Quant Time: Nov 17 17:22:03 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	26895	0.400	ng		0.00
7) Naphthalene-d8	10.661	136	114788	0.400	ng	#	0.00
13) Acenaphthene-d10	14.485	164	57428	0.400	ng		-0.01
19) Phenanthrene-d10	17.238	188	98665	0.400	ng		0.00
29) Chrysene-d12	21.420	240	73408	0.400	ng	#	0.00
35) Perylene-d12	23.800	264	52111	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.449	112	24432	0.382	ng		0.00
5) Phenol-d6	7.026	99	26316	0.382	ng		0.00
8) Nitrobenzene-d5	9.014	82	25932	0.364	ng		0.00
11) 2-Methylnaphthalene-d10	12.253	152	67672	0.359	ng		0.00
14) 2,4,6-Tribromophenol	15.983	330	4815	0.330	ng		0.00
15) 2-Fluorobiphenyl	13.128	172	93700	0.433	ng		0.00
27) Fluoranthene-d10	19.267	212	106083	0.360	ng		0.00
31) Terphenyl-d14	19.868	244	83605	0.464	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.393	88	2157	0.182	ng	#	80
3) n-Nitrosodimethylamine	3.743	42	4050	0.180	ng	#	1
6) bis(2-Chloroethyl)ether	7.293	93	16662	0.226	ng		94
9) Naphthalene	10.712	128	61242	0.212	ng		100
10) Hexachlorobutadiene	11.016	225	12731	0.211	ng	#	100
12) 2-Methylnaphthalene	12.324	142	39276	0.215	ng		98
16) Acenaphthylene	14.206	152	39899	0.186	ng		100
17) Acenaphthene	14.549	154	32187	0.207	ng		99
18) Fluorene	15.538	166	36642	0.205	ng		99
20) 4,6-Dinitro-2-methylph...	15.615	198	191	0.152	ng	#	28
21) 4-Bromophenyl-phenylether	16.434	248	11352	0.203	ng	#	72
22) Hexachlorobenzene	16.544	284	13504	0.214	ng		96
23) Atrazine	16.702	200	5746	0.180	ng	#	94
24) Pentachlorophenol	16.885	266	1498	0.180	ng		97
25) Phenanthrene	17.274	178	57546	0.212	ng		99
26) Anthracene	17.371	178	44681	0.199	ng		100
28) Fluoranthene	19.297	202	61116	0.210	ng		100
30) Pyrene	19.660	202	59310	0.225	ng		100
32) Benzo(a)anthracene	21.409	228	43488	0.191	ng		100
33) Chrysene	21.462	228	50837	0.218	ng		100
34) Bis(2-ethylhexyl)phtha...	21.345	149	21539	0.181	ng		99
36) Indeno(1,2,3-cd)pyrene	26.255	276	19000	0.158	ng		95
37) Benzo(b)fluoranthene	23.078	252	41870	0.214	ng	#	94
38) Benzo(k)fluoranthene	23.123	252	38142	0.212	ng	#	93
39) Benzo(a)pyrene	23.691	252	29998	0.198	ng	#	93
40) Dibenzo(a,h)anthracene	26.272	278	12974	0.142	ng	#	76
41) Benzo(g,h,i)perylene	26.997	276	20157	0.178	ng		95

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

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