Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111721\
Data File : BN017494.D
Acq On : 17 Nov 2021 14:30
Operator : CG/JU
Sample : M4068-01
Misc : LOD-MDL-SOIL 0.2ng
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

Quant Time: Nov 17 14:59:01 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	7.865	152	26570	0.400	ng		0.00
7) Naphthalene-d8	10.661	136	114307	0.400	ng	#	0.00
13) Acenaphthene-d10	14.485	164	57901	0.400	ng		-0.01
19) Phenanthrene-d10	17.237	188	99942	0.400	ng		0.00
29) Chrysene-d12	21.419	240	72072	0.400	ng	#	0.00
35) Perylene-d12	23.797	264	49159	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.439	112	24004	0.380	ng		0.00
5) Phenol-d6	7.025	99	25981	0.382	ng		0.00
8) Nitrobenzene-d5	9.013	82	25679	0.362	ng		0.00
11) 2-Methylnaphthalene-d10	12.248	152	67804	0.361	ng		0.00
14) 2,4,6-Tribromophenol	15.982	330	4850	0.330	ng		0.00
15) 2-Fluorobiphenyl	13.128	172	93803	0.430	ng		0.00
27) Fluoranthene-d10	19.267	212	106465	0.357	ng		0.00
31) Terphenyl-d14	19.868	244	83071	0.469	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.383	88	2287	0.196	ng		85
3) n-Nitrosodimethylamine	3.715	42	4185	0.188	ng		90
6) bis(2-Chloroethyl)ether	7.293	93	16555	0.227	ng		94
9) Naphthalene	10.712	128	61134	0.213	ng		99
10) Hexachlorobutadiene	11.016	225	12629	0.210	ng	#	100
12) 2-Methylnaphthalene	12.319	142	39326	0.216	ng		97
16) Acenaphthylene	14.206	152	40387	0.187	ng		100
17) Acenaphthene	14.549	154	32373	0.207	ng		99
18) Fluorene	15.538	166	37397	0.208	ng		100
20) 4,6-Dinitro-2-methylph...	15.614	198	245	0.168	ng	#	45
21) 4-Bromophenyl-phenylether	16.434	248	11363	0.201	ng	#	71
22) Hexachlorobenzene	16.544	284	13807	0.216	ng		97
23) Atrazine	16.702	200	5788	0.179	ng	#	96
24) Pentachlorophenol	16.897	266	1559	0.182	ng		99
25) Phenanthrene	17.274	178	58245	0.212	ng		100
26) Anthracene	17.371	178	45151	0.198	ng		100
28) Fluoranthene	19.297	202	61244	0.208	ng		100
30) Pyrene	19.659	202	59156	0.228	ng		100
32) Benzo(a)anthracene	21.409	228	41741	0.187	ng		99
33) Chrysene	21.462	228	49896	0.217	ng		99
34) Bis(2-ethylhexyl)phtha...	21.345	149	19691	0.169	ng		99
36) Indeno(1,2,3-cd)pyrene	26.251	276	17764	0.157	ng		97
37) Benzo(b)fluoranthene	23.075	252	37752	0.204	ng	#	95
38) Benzo(k)fluoranthene	23.122	252	34955	0.206	ng	#	94
39) Benzo(a)pyrene	23.691	252	27294	0.191	ng	#	93
40) Dibenzo(a,h)anthracene	26.268	278	12131	0.141	ng	#	83
41) Benzo(g,h,i)perylene	26.994	276	19320	0.181	ng		97

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

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