Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080421\
Data File : BN015807.D
Acq On : 05 Aug 2021 01:11
Operator : CG/JU
Sample : M1458-01
Misc : LOD-MDL-SOIL 0.1ng
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Manual Integrations APPROVED
mohammad
8/5/2021 5:08:06 PM

Quant Time: Aug 05 04:06:20 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN080221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 05 03:12:25 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	38512	0.400	ng	0.00
7) Naphthalene-d8	10.559	136	174062	0.400	ng	#-0.01
13) Acenaphthene-d10	14.408	164	86040	0.400	ng	0.00
19) Phenanthrene-d10	17.164	188	158315	0.400	ng	0.00
29) Chrysene-d12	21.366	240	132471	0.400	ng	# 0.00
35) Perylene-d12	23.704	264	132554	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.383	112	33101	0.351	ng	0.00
5) Phenol-d6	6.951	99	40368	0.355	ng	0.00
8) Nitrobenzene-d5	8.924	82	44435	0.397	ng	0.00
11) 2-Methylnaphthalene-d10	12.158	152	81570	0.312	ng	0.00
14) 2,4,6-Tribromophenol	15.905	330	7900	0.253	ng	0.00
15) 2-Fluorobiphenyl	13.038	172	111401	0.325	ng	0.00
27) Fluoranthene-d10	19.202	212	124268	0.302	ng	0.00
31) Terphenyl-d14	19.808	244	109763	0.335	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.733	42	1144	0.045	ng	# 74
6) bis(2-Chloroethyl)ether	7.218	93	11383	0.110	ng	96
9) Naphthalene	10.609	128	45801	0.100	ng	99
10) Hexachlorobutadiene	10.914	225	8321	0.104	ng	# 100
12) 2-Methylnaphthalene	12.230	142	29556	0.101	ng	99
16) Acenaphthylene	14.129	152	34549	0.097	ng	100
17) Acenaphthene	14.472	154	23486	0.095	ng	97
18) Fluorene	15.461	166	26827	0.091	ng	100
20) 4,6-Dinitro-2-methylph...	15.550	198	210	0.022	ng	# 6
21) 4-Bromophenyl-phenylether	16.360	248	8939	0.096	ng	# 85
22) Hexachlorobenzene	16.470	284	12069	0.113	ng	99
23) Atrazine	16.628	200	4019	0.070	ng	95
24) Pentachlorophenol	16.811	266	1254	0.038	ng	98
25) Phenanthrene	17.200	178	46234	0.098	ng	99
26) Anthracene	17.298	178	35092	0.089	ng	100
28) Fluoranthene	19.232	202	46677	0.095	ng	99
30) Pyrene	19.594	202	42086	0.095	ng	100
32) Benzo(a)anthracene	21.355	228	34597	0.085	ng	99
33) Chrysene	21.397	228	41515	0.095	ng	98
34) Bis(2-ethylhexyl)phtha...	21.291	149	11529	0.071	ng	99
36) Indeno(1,2,3-cd)pyrene	26.103	276	37631	0.080	ng	# 92
37) Benzo(b)fluoranthene	22.998	252	38539	0.084	ng	97
38) Benzo(k)fluoranthene	23.043	252	48492m	0.102	ng	
39) Benzo(a)pyrene	23.601	252	32368	0.085	ng	96
40) Dibenzo(a,h)anthracene	26.124	278	29884	0.076	ng	# 72
41) Benzo(g,h,i)perylene	26.832	276	33317	0.081	ng	98

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

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