Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080421\
Data File : BN015788.D
Acq On : 04 Aug 2021 11:42
Operator : CG/JU
Sample : M1458-02
Misc : LOQ-SOIL-0.1ng
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT1-2021

Manual Integrations APPROVED
mohammad
8/5/2021 5:07:23 PM

Quant Time: Aug 04 13:34:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN080221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 14:09:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	34331	0.400	ng	0.00
7) Naphthalene-d8	10.571	136	152124	0.400	ng	0.00
13) Acenaphthene-d10	14.408	164	77285	0.400	ng	0.00
19) Phenanthrene-d10	17.163	188	145421	0.400	ng	0.00
29) Chrysene-d12	21.365	240	118119	0.400	ng	0.00
35) Perylene-d12	23.710	264	113961	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.383	112	32342	0.385	ng	0.00
5) Phenol-d6	6.951	99	37275	0.368	ng	0.00
8) Nitrobenzene-d5	8.924	82	28792	0.295	ng	0.00
11) 2-Methylnaphthalene-d10	12.158	152	77702	0.340	ng	0.00
14) 2,4,6-Tribromophenol	15.905	330	7919	0.283	ng	0.00
15) 2-Fluorobiphenyl	13.038	172	105547	0.343	ng	0.00
27) Fluoranthene-d10	19.202	212	123623	0.327	ng	0.00
31) Terphenyl-d14	19.807	244	108705	0.372	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.355	88	871	0.078	ng	# 34
3) n-Nitrosodimethylamine	3.742	42	1796	0.079	ng	97
6) bis(2-Chloroethyl)ether	7.218	93	10477	0.114	ng	99
9) Naphthalene	10.609	128	43202	0.108	ng	99
10) Hexachlorobutadiene	10.913	225	7285	0.105	ng	# 100
12) 2-Methylnaphthalene	12.234	142	28172	0.110	ng	99
16) Acenaphthylene	14.129	152	27941	0.088	ng	100
17) Acenaphthene	14.472	154	22584	0.102	ng	99
18) Fluorene	15.461	166	26497	0.100	ng	100
20) 4,6-Dinitro-2-methylph...	15.550	198	266	0.096	ng	# 35
21) 4-Bromophenyl-phenylether	16.360	248	8302	0.097	ng	92
22) Hexachlorobenzene	16.470	284	10153	0.103	ng	100
23) Atrazine	16.628	200	4531	0.086	ng	97
24) Pentachlorophenol	16.811	266	1448	0.048	ng	97
25) Phenanthrene	17.200	178	44325	0.102	ng	99
26) Anthracene	17.297	178	34019	0.094	ng	100
28) Fluoranthene	19.232	202	45316	0.101	ng	100
30) Pyrene	19.599	202	42570	0.108	ng	100
32) Benzo(a)anthracene	21.355	228	32211	0.089	ng	100
33) Chrysene	21.408	228	41113	0.105	ng	100
34) Bis(2-ethylhexyl)phtha...	21.302	149	11041	0.303	ng	100
36) Indeno(1,2,3-cd)pyrene	26.110	276	35377	0.088	ng	96
37) Benzo(b)fluoranthene	23.002	252	37555	0.095	ng	97
38) Benzo(k)fluoranthene	23.050	252	42746m	0.104	ng	
39) Benzo(a)pyrene	23.604	252	29699	0.090	ng	94
40) Dibenzo(a,h)anthracene	26.130	278	28572	0.085	ng	# 85
41) Benzo(g,h,i)perylene	26.839	276	31512	0.089	ng	98

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

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