Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073121\
Data File : BN015748.D
Acq On : 01 Aug 2021 00:09
Operator : CG/JU
Sample : M2940-02
Misc : LOQ-SOIL-0.1ng
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2021

Manual Integrations APPROVED
mohammad
8/2/2021 3:49:04 PM

Quant Time: Aug 02 04:30:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN073021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 04:24:05 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	40343	0.400	ng	0.00
7) Naphthalene-d8	10.571	136	181975	0.400	ng	0.00
13) Acenaphthene-d10	14.421	164	94683	0.400	ng	0.00
19) Phenanthrene-d10	17.163	188	183084	0.400	ng	0.00
29) Chrysene-d12	21.376	240	164894	0.400	ng	# 0.00
35) Perylene-d12	23.710	264	167482	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.383	112	29626	0.273	ng	0.00
5) Phenol-d6	6.950	99	33974	0.259	ng	0.00
8) Nitrobenzene-d5	8.936	82	31319	0.274	ng	0.00
11) 2-Methylnaphthalene-d10	12.162	152	103898	0.379	ng	0.00
14) 2,4,6-Tribromophenol	15.905	330	8230	0.201	ng	-0.01
15) 2-Fluorobiphenyl	13.038	172	111802	0.309	ng	-0.01
27) Fluoranthene-d10	19.207	212	171814	0.356	ng	0.00
31) Terphenyl-d14	19.812	244	120954	0.301	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.354	88	1314	0.095	ng	# 91
3) n-Nitrosodimethylamine	3.732	42	1671	0.062	ng	# 97
6) bis(2-Chloroethyl)ether	7.218	93	10621	0.099	ng	99
9) Naphthalene	10.622	128	44470	0.094	ng	100
10) Hexachlorobutadiene	10.913	225	7600	0.091	ng	# 100
12) 2-Methylnaphthalene	12.238	142	28867	0.094	ng	100
16) Acenaphthylene	14.129	152	30571	0.073	ng	100
17) Acenaphthene	14.484	154	23265	0.086	ng	99
18) Fluorene	15.474	166	27773	0.084	ng	100
20) 4,6-Dinitro-2-methylph...	15.550	198	442	0.031	ng	# 48
21) 4-Bromophenyl-phenylether	16.360	248	8693	0.081	ng	# 67
22) Hexachlorobenzene	16.482	284	10487	0.089	ng	99
23) Atrazine	16.640	200	7151	0.088	ng	98
24) Pentachlorophenol	16.822	266	7814	0.176	ng	99
25) Phenanthrene	17.212	178	45823	0.087	ng	99
26) Anthracene	17.297	178	36459	0.077	ng	100
28) Fluoranthene	19.236	202	47957	0.086	ng	100
30) Pyrene	19.599	202	45635	0.083	ng	100
32) Benzo(a)anthracene	21.355	228	39761	0.076	ng	99
33) Chrysene	21.408	228	45964	0.086	ng	98
34) Bis(2-ethylhexyl)phtha...	21.301	149	13655	0.049	ng	99
36) Indeno(1,2,3-cd)pyrene	26.113	276	48531	0.081	ng	98
37) Benzo(b)fluoranthene	23.005	252	45244	0.084	ng	98
38) Benzo(k)fluoranthene	23.049	252	50734m	0.087	ng	
39) Benzo(a)pyrene	23.607	252	38320	0.078	ng	96
40) Dibenzo(a,h)anthracene	26.133	278	41244	0.081	ng	# 91
41) Benzo(g,h,i)perylene	26.842	276	42192	0.080	ng	100

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

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