Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080321\
Data File : BN015774.D
Acq On : 03 Aug 2021 18:29
Operator : CG/JU
Sample : M2940-01
Misc : LOD-MDL-SOIL-0.1ng
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

Manual Integrations APPROVED
mohammad
8/4/2021 3:46:32 PM

Quant Time: Aug 04 02:15:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN080221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 04 02:14:12 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.790	152	35812	0.400	ng		0.00
7) Naphthalene-d8	10.571	136	158742	0.400	ng		0.00
13) Acenaphthene-d10	14.408	164	81142	0.400	ng		0.00
19) Phenanthrene-d10	17.163	188	153240	0.400	ng		0.00
29) Chrysene-d12	21.365	240	131177	0.400	ng		0.00
35) Perylene-d12	23.710	264	136994	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.383	112	32771	0.374	ng		0.00
5) Phenol-d6	6.951	99	38086	0.360	ng		0.00
8) Nitrobenzene-d5	8.936	82	29124	0.285	ng		0.01
11) 2-Methylnaphthalene-d10	12.163	152	78230	0.328	ng		0.00
14) 2,4,6-Tribromophenol	15.905	330	8225	0.280	ng		0.00
15) 2-Fluorobiphenyl	13.038	172	105432	0.326	ng		0.00
27) Fluoranthene-d10	19.207	212	126298	0.317	ng		0.00
31) Terphenyl-d14	19.812	244	111995	0.345	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.355	88	771	0.067	ng		85
3) n-Nitrosodimethylamine	3.742	42	1717	0.072	ng		100
6) bis(2-Chloroethyl)ether	7.218	93	10269	0.107	ng		98
9) Naphthalene	10.622	128	43443	0.104	ng		99
10) Hexachlorobutadiene	10.914	225	7410	0.102	ng	#	99
12) 2-Methylnaphthalene	12.234	142	28180	0.105	ng		99
16) Acenaphthylene	14.129	152	28560	0.085	ng		100
17) Acenaphthene	14.472	154	22713	0.097	ng		99
18) Fluorene	15.461	166	26857	0.096	ng		99
20) 4,6-Dinitro-2-methylph...	15.550	198	324	0.035	ng	#	49
21) 4-Bromophenyl-phenylether	16.360	248	8366	0.093	ng		97
22) Hexachlorobenzene	16.470	284	10403	0.101	ng		99
23) Atrazine	16.628	200	4702	0.085	ng		98
24) Pentachlorophenol	16.823	266	1536	0.048	ng		99
25) Phenanthrene	17.200	178	44636	0.098	ng		99
26) Anthracene	17.297	178	34415	0.090	ng		100
28) Fluoranthene	19.232	202	46237	0.097	ng		99
30) Pyrene	19.599	202	44083	0.101	ng		100
32) Benzo(a)anthracene	21.355	228	36545	0.091	ng		100
33) Chrysene	21.408	228	43762	0.101	ng		100
34) Bis(2-ethylhexyl)phtha...	21.302	149	12061	0.075	ng		99
36) Indeno(1,2,3-cd)pyrene	26.110	276	44394	0.091	ng	#	90
37) Benzo(b)fluoranthene	23.002	252	44029	0.093	ng		97
38) Benzo(k)fluoranthene	23.046	252	49740m	0.101	ng		
39) Benzo(a)pyrene	23.604	252	36366	0.092	ng		96
40) Dibenzo(a,h)anthracene	26.130	278	36724	0.090	ng	#	65
41) Benzo(g,h,i)perylene	26.835	276	38708	0.091	ng		98

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

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