Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080421\
Data File : BN015791.D
Acq On : 04 Aug 2021 13:37
Operator : CG/JU
Sample : M2262-03
Misc : MDL-MDL-SOIL 0.1ng
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2021

Manual Integrations APPROVED
mohammad
8/5/2021 5:07:31 PM

Quant Time: Aug 04 14:09:28 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	7.790	152	36004	0.400	ng		0.00
7) Naphthalene-d8	10.572	136	160350	0.400	ng		0.00
13) Acenaphthene-d10	14.408	164	81779	0.400	ng		0.00
19) Phenanthrene-d10	17.164	188	151589	0.400	ng		0.00
29) Chrysene-d12	21.366	240	129204	0.400	ng		0.00
35) Perylene-d12	23.710	264	130853	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.383	112	34048	0.387	ng		0.00
5) Phenol-d6	6.951	99	39737	0.374	ng		0.00
8) Nitrobenzene-d5	8.924	82	31010	0.301	ng		0.00
11) 2-Methylnaphthalene-d10	12.158	152	81895	0.340	ng		0.00
14) 2,4,6-Tribromophenol	15.906	330	8520	0.287	ng		0.00
15) 2-Fluorobiphenyl	13.038	172	111278	0.341	ng		0.00
27) Fluoranthene-d10	19.202	212	130862	0.332	ng		0.00
31) Terphenyl-d14	19.813	244	114771	0.359	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.355	88	928	0.080	ng		92
3) n-Nitrosodimethylamine	3.742	42	1877	0.078	ng	#	98
6) bis(2-Chloroethyl)ether	7.218	93	10951	0.113	ng		99
9) Naphthalene	10.610	128	45457	0.108	ng		99
10) Hexachlorobutadiene	10.914	225	7652	0.104	ng	#	99
12) 2-Methylnaphthalene	12.234	142	29536	0.109	ng		100
16) Acenaphthylene	14.129	152	29904	0.089	ng		99
17) Acenaphthene	14.472	154	23688	0.101	ng		99
18) Fluorene	15.461	166	27944	0.099	ng		100
20) 4,6-Dinitro-2-methylph...	15.550	198	267	0.095	ng	#	28
21) 4-Bromophenyl-phenylether	16.360	248	8752	0.098	ng	#	90
22) Hexachlorobenzene	16.470	284	10745	0.105	ng		100
23) Atrazine	16.628	200	4949	0.090	ng		96
24) Pentachlorophenol	16.811	266	1537	0.049	ng		99
25) Phenanthrene	17.200	178	46613	0.103	ng		99
26) Anthracene	17.298	178	35810	0.094	ng		100
28) Fluoranthene	19.232	202	47936	0.102	ng		100
30) Pyrene	19.599	202	45630	0.106	ng		100
32) Benzo(a)anthracene	21.355	228	37137	0.094	ng		100
33) Chrysene	21.408	228	45057	0.106	ng		100
34) Bis(2-ethylhexyl)phtha...	21.302	149	12915	0.306	ng		100
36) Indeno(1,2,3-cd)pyrene	26.110	276	42705	0.092	ng	#	86
37) Benzo(b)fluoranthene	23.002	252	44343	0.098	ng		97
38) Benzo(k)fluoranthene	23.050	252	50552m	0.107	ng		
39) Benzo(a)pyrene	23.608	252	36903	0.098	ng		95
40) Dibenzo(a,h)anthracene	26.130	278	34817	0.090	ng	#	56
41) Benzo(g,h,i)perylene	26.839	276	37203	0.092	ng		98

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

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