Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011620\
Data File : BN009386.D
Acq On : 16 Jan 2020 15:59
Operator : JU
Sample : K3591-03
Misc : MDL-MDL-S-0.1NG
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019

Manual Integrations APPROVED
mohammad
1/17/2020 2:11:09 PM

Quant Time: Jan 16 16:43:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN011420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 14 09:33:55 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	1606	0.40	ng		0.00
7) Naphthalene-d8	10.24	136	5459	0.40	ng		0.01
13) Acenaphthene-d10	14.11	164	3475	0.40	ng		0.00
19) Phenanthrene-d10	16.86	188	7660	0.40	ng		0.00
27) Chrysene-d12	21.07	240	6514	0.40	ng		0.00
34) Perylene-d12	23.19	264	6664	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.12	112	1448	0.39	ng		0.00
5) Phenol-d6	6.69	99	1657	0.39	ng		0.00
8) Nitrobenzene-d5	8.64	82	1448	0.33	ng		0.01
11) 2-Methylnaphthalene-d10	11.84	152	3218	0.31	ng		0.00
14) 2,4,6-Tribromophenol	15.62	330	432	0.33	ng		0.00
15) 2-Fluorobiphenyl	12.74	172	4663	0.36	ng		0.01
25) Fluoranthene-d10	18.90	212	7962	0.30	ng		0.00
29) Terphenyl-d14	19.51	244	6307	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.14	88	149	0.089	ng	#	85
3) n-Nitrosodimethylamine	3.52	42	146m	0.056	ng		
6) bis(2-Chloroethyl)ether	6.94	93	357	0.081	ng		88
9) Naphthalene	10.28	128	1325	0.090	ng	#	83
10) Hexachlorobutadiene	10.57	225	268	0.083	ng	#	100
12) 2-Methylnaphthalene	11.92	142	888	0.086	ng	#	95
16) Acenaphthylene	13.83	152	1173	0.078	ng		98
17) Acenaphthene	14.18	154	877	0.083	ng		97
18) Fluorene	15.18	166	1125	0.082	ng		98
20) 4-Bromophenyl-phenylether	16.08	248	363	0.079	ng		93
21) Hexachlorobenzene	16.17	284	394	0.080	ng		95
22) Pentachlorophenol	16.56	266	260	0.189	ng		98
23) Phenanthrene	16.91	178	1876	0.082	ng		99
24) Anthracene	17.01	178	1469	0.076	ng		99
26) Fluoranthene	18.93	202	2228	0.083	ng		99
28) Pyrene	19.30	202	2258	0.091	ng		100
30) Benzo(a)anthracene	21.06	228	1646m	0.077	ng		
31) Chrysene	21.10	228	2296	0.094	ng		95
32) Bis(2-ethylhexyl)phthalate	21.01	149	936	0.099	ng		93
33) Indeno(1,2,3-cd)pyrene	25.28	276	2101	0.082	ng	#	93
35) Benzo(b)fluoranthene	22.57	252	1870	0.076	ng	#	61
36) Benzo(k)fluoranthene	22.61	252	2645m	0.098	ng		
37) Benzo(a)pyrene	23.11	252	1875	0.087	ng	#	3
38) Dibenzo(a,h)anthracene	25.30	278	1625	0.075	ng	#	59
39) Benzo(g,h,i)perylene	25.91	276	1947	0.082	ng	#	87

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

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