Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012020\
Data File : BN009401.D
Acq On : 20 Jan 2020 13:51
Operator : JU
Sample : K5111-01
Misc : 0.1 LOD
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

Manual Integrations APPROVED
mohammad
1/21/2020 2:54:34 PM

Quant Time: Jan 20 17:35:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN011420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 20 16:23:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	1338	0.40	ng		0.00
7) Naphthalene-d8	10.24	136	4593	0.40	ng		0.01
13) Acenaphthene-d10	14.11	164	3120	0.40	ng		0.00
19) Phenanthrene-d10	16.86	188	6850	0.40	ng		0.00
27) Chrysene-d12	21.07	240	5710	0.40	ng		0.00
34) Perylene-d12	23.19	264	5919	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.12	112	1191	0.39	ng		0.00
5) Phenol-d6	6.69	99	1256	0.35	ng		0.00
8) Nitrobenzene-d5	8.64	82	1119	0.31	ng		0.01
11) 2-Methylnaphthalene-d10	11.84	152	2677	0.30	ng		0.00
14) 2,4,6-Tribromophenol	15.62	330	392	0.33	ng		0.00
15) 2-Fluorobiphenyl	12.74	172	4052	0.35	ng		0.01
25) Fluoranthene-d10	18.90	212	7061	0.30	ng		0.00
29) Terphenyl-d14	19.51	244	5497	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.14	88	104	0.075	ng	#	74
3) n-Nitrosodimethylamine	3.53	42	192m	0.089	ng		
6) bis(2-Chloroethyl)ether	6.93	93	306	0.083	ng	#	71
9) Naphthalene	10.28	128	1076	0.087	ng	#	74
10) Hexachlorobutadiene	10.57	225	234	0.086	ng	#	98
12) 2-Methylnaphthalene	11.92	142	745	0.086	ng	#	95
16) Acenaphthylene	13.83	152	1074	0.080	ng		100
17) Acenaphthene	14.18	154	776	0.082	ng		96
18) Fluorene	15.18	166	1029	0.083	ng		98
20) 4-Bromophenyl-phenylether	16.08	248	303	0.073	ng		92
21) Hexachlorobenzene	16.17	284	361	0.082	ng		98
22) Pentachlorophenol	16.57	266	245	0.199	ng		96
23) Phenanthrene	16.91	178	1650	0.080	ng		99
24) Anthracene	17.01	178	1289	0.075	ng		97
26) Fluoranthene	18.93	202	2007	0.083	ng		99
28) Pyrene	19.30	202	1983	0.092	ng		97
30) Benzo(a)anthracene	21.06	228	1434m	0.076	ng		
31) Chrysene	21.10	228	2071m	0.096	ng		
32) Bis(2-ethylhexyl)phthalate	21.01	149	808	0.097	ng		97
33) Indeno(1,2,3-cd)pyrene	25.29	276	1853	0.083	ng	#	81
35) Benzo(b)fluoranthene	22.57	252	1676	0.077	ng	#	54
36) Benzo(k)fluoranthene	22.61	252	2390m	0.099	ng		
37) Benzo(a)pyrene	23.11	252	1723	0.090	ng	#	1
38) Dibenzo(a,h)anthracene	25.30	278	1424	0.074	ng	#	50
39) Benzo(g,h,i)perylene	25.91	276	1830	0.086	ng	#	84

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

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