Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012120\
Data File : BN009410.D
Acq On : 21 Jan 2020 12:16
Operator : JU
Sample : K5111-03
Misc : 0.1 MDL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2019

Manual Integrations APPROVED
mohammad
1/23/2020 7:56:57 AM

Quant Time: Jan 21 16:20:18 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 21 16:08:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	1241	0.40	ng		0.00
7) Naphthalene-d8	10.24	136	4022	0.40	ng		0.01
13) Acenaphthene-d10	14.11	164	2585	0.40	ng		0.00
19) Phenanthrene-d10	16.86	188	5928	0.40	ng		0.00
27) Chrysene-d12	21.07	240	5366	0.40	ng		0.00
34) Perylene-d12	23.19	264	5441	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.12	112	936	0.33	ng		0.00
5) Phenol-d6	6.70	99	920	0.28	ng		0.02
8) Nitrobenzene-d5	8.66	82	917	0.29	ng		0.03
11) 2-Methylnaphthalene-d10	11.85	152	2103	0.27	ng		0.02
14) 2,4,6-Tribromophenol	15.64	330	272	0.28	ng		0.01
15) 2-Fluorobiphenyl	12.74	172	2970	0.31	ng		0.01
25) Fluoranthene-d10	18.90	212	5407	0.27	ng		0.00
29) Terphenyl-d14	19.52	244	4483	0.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.14	88	121	0.093	ng	#	66
3) n-Nitrosodimethylamine	3.48	42	118m	0.059	ng		
6) bis(2-Chloroethyl)ether	6.94	93	214m	0.063	ng		
9) Naphthalene	10.29	128	976	0.090	ng	#	72
10) Hexachlorobutadiene	10.57	225	215	0.090	ng	#	99
12) 2-Methylnaphthalene	11.92	142	642	0.085	ng	#	90
16) Acenaphthylene	13.83	152	907	0.081	ng		98
17) Acenaphthene	14.18	154	659	0.084	ng		98
18) Fluorene	15.18	166	855	0.084	ng		99
20) 4-Bromophenyl-phenylether	16.08	248	251	0.070	ng	#	86
21) Hexachlorobenzene	16.17	284	326	0.086	ng		94
22) Pentachlorophenol	16.57	266	166	0.156	ng		89
23) Phenanthrene	16.91	178	1434	0.081	ng		98
24) Anthracene	17.01	178	1091	0.073	ng		99
26) Fluoranthene	18.93	202	1854	0.089	ng		99
28) Pyrene	19.30	202	1881	0.092	ng		100
30) Benzo(a)anthracene	21.06	228	1274	0.072	ng	#	92
31) Chrysene	21.10	228	1898	0.094	ng		92
32) Bis(2-ethylhexyl)phthalate	21.01	149	723	0.093	ng	#	94
33) Indeno(1,2,3-cd)pyrene	25.28	276	1690	0.081	ng	#	87
35) Benzo(b)fluoranthene	22.57	252	1544	0.077	ng	#	56
36) Benzo(k)fluoranthene	22.61	252	2000	0.091	ng	#	57
37) Benzo(a)pyrene	23.11	252	1464	0.083	ng	#	38
38) Dibenzo(a,h)anthracene	25.30	278	1321m	0.075	ng		
39) Benzo(g,h,i)perylene	25.90	276	1604	0.082	ng	#	81

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

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