Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042821\
Data File : BN014471.D
Acq On : 28 Apr 2021 14:19
Operator : CG/JU
Sample : M1458-01
Misc : LOD-MDL-SOIL-0.1PPM
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Manual Integrations APPROVED
mohammad
4/29/2021 5:44:08 PM

Quant Time: Apr 28 15:28:58 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN042821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 28 13:14:06 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.668	152	5640	0.40	ng		0.00
7) Naphthalene-d8	10.442	136	19486	0.40	ng		0.00
13) Acenaphthene-d10	14.295	164	9361	0.40	ng		#-0.01
19) Phenanthrene-d10	17.043	188	18351	0.40	ng		#-0.01
29) Chrysene-d12	21.250	240	16379	0.40	ng		0.00
35) Perylene-d12	23.469	264	15750	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.268	112	4957	0.47	ng		0.00
5) Phenol-d6	6.839	99	5751	0.44	ng		0.00
8) Nitrobenzene-d5	8.807	82	6448	0.50	ng		-0.01
11) 2-Methylnaphthalene-d10	12.035	152	10616	0.36	ng		0.00
14) 2,4,6-Tribromophenol	15.793	330	989	0.32	ng		0.00
15) 2-Fluorobiphenyl	12.925	172	16951	0.48	ng		0.00
27) Fluoranthene-d10	19.089	212	16965	0.34	ng		0.00
31) Terphenyl-d14	19.695	244	16205	0.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	819	0.13	ng	#	77
3) n-Nitrosodimethylamine	3.593	42	45	0.01	ng	#	1
6) bis(2-Chloroethyl)ether	7.096	93	1561	0.12	ng		99
9) Naphthalene	10.492	128	5253	0.11	ng		96
10) Hexachlorobutadiene	10.784	225	1089	0.12	ng	#	100
12) 2-Methylnaphthalene	12.111	142	3252	0.10	ng		97
16) Acenaphthylene	14.016	152	4041	0.11	ng		99
17) Acenaphthene	14.359	154	2645	0.10	ng		95
18) Fluorene	15.349	166	3238	0.10	ng		99
20) 4,6-Dinitro-2-methylph...	15.437	198	118m	0.07	ng		
21) 4-Bromophenyl-phenylether	16.252	248	1041	0.11	ng		99
22) Hexachlorobenzene	16.362	284	1585	0.13	ng		96
23) Atrazine	16.520	200	486	0.08	ng	#	89
24) Pentachlorophenol	16.715	266	130	0.05	ng		94
25) Phenanthrene	17.092	178	5570	0.11	ng		99
26) Anthracene	17.177	178	3884	0.10	ng		98
28) Fluoranthene	19.119	202	5443	0.10	ng		99
30) Pyrene	19.481	202	5175	0.11	ng		100
32) Benzo(a)anthracene	21.239	228	4428	0.10	ng		97
33) Chrysene	21.282	228	5420	0.11	ng		99
34) Bis(2-ethylhexyl)phtha...	21.176	149	1781	0.09	ng		94
36) Indeno(1,2,3-cd)pyrene	25.697	276	6335	0.10	ng		98
37) Benzo(b)fluoranthene	22.808	252	5744	0.10	ng	#	72
38) Benzo(k)fluoranthene	22.849	252	6159	0.11	ng	#	79
39) Benzo(a)pyrene	23.373	252	5467	0.11	ng	#	58
40) Dibenzo(a,h)anthracene	25.711	278	5021	0.10	ng	#	87
41) Benzo(g,h,i)perylene	26.371	276	5952	0.11	ng		94

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

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