Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080321\
Data File : BN015776.D
Acq On : 03 Aug 2021 19:43
Operator : CG/JU
Sample : M2940-02
Misc : LOQ-SOIL-0.1ng
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2021

Manual Integrations APPROVED
mohammad
8/4/2021 3:46:41 PM

Quant Time: Aug 04 02:15:37 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN080221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 04 02:14:12 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.790	152	35003	0.400	ng		0.00
7) Naphthalene-d8	10.572	136	155947	0.400	ng		0.00
13) Acenaphthene-d10	14.408	164	80635	0.400	ng		0.00
19) Phenanthrene-d10	17.164	188	152680	0.400	ng		0.00
29) Chrysene-d12	21.366	240	130769	0.400	ng		0.00
35) Perylene-d12	23.707	264	125949	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.383	112	32540	0.380	ng		0.00
5) Phenol-d6	6.951	99	37583	0.363	ng		0.00
8) Nitrobenzene-d5	8.937	82	29119	0.291	ng		0.01
11) 2-Methylnaphthalene-d10	12.159	152	77889	0.333	ng		0.00
14) 2,4,6-Tribromophenol	15.906	330	8318	0.284	ng		0.00
15) 2-Fluorobiphenyl	13.038	172	105197	0.327	ng		0.00
27) Fluoranthene-d10	19.202	212	127552	0.321	ng		0.00
31) Terphenyl-d14	19.813	244	112870	0.349	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.355	88	790	0.070	ng	#	20
3) n-Nitrosodimethylamine	3.742	42	1791	0.077	ng	#	98
6) bis(2-Chloroethyl)ether	7.218	93	10314	0.110	ng		100
9) Naphthalene	10.622	128	43008	0.105	ng		100
10) Hexachlorobutadiene	10.914	225	7303	0.102	ng	#	99
12) 2-Methylnaphthalene	12.234	142	27968	0.106	ng		100
16) Acenaphthylene	14.129	152	28427	0.086	ng		100
17) Acenaphthene	14.472	154	22736	0.098	ng		99
18) Fluorene	15.461	166	26824	0.097	ng		100
20) 4,6-Dinitro-2-methylph...	15.550	198	287	0.031	ng	#	37
21) 4-Bromophenyl-phenylether	16.360	248	8397	0.094	ng		95
22) Hexachlorobenzene	16.470	284	10260	0.099	ng		99
23) Atrazine	16.628	200	4767	0.086	ng		98
24) Pentachlorophenol	16.811	266	1536	0.048	ng		99
25) Phenanthrene	17.200	178	44829	0.099	ng		98
26) Anthracene	17.298	178	34713	0.091	ng		100
28) Fluoranthene	19.232	202	46367	0.098	ng		100
30) Pyrene	19.599	202	44011	0.101	ng		100
32) Benzo(a)anthracene	21.355	228	36491	0.091	ng		99
33) Chrysene	21.408	228	43112	0.100	ng		99
34) Bis(2-ethylhexyl)phtha...	21.302	149	12211	0.076	ng		99
36) Indeno(1,2,3-cd)pyrene	26.110	276	39245	0.088	ng		97
37) Benzo(b)fluoranthene	22.999	252	42203	0.096	ng		97
38) Benzo(k)fluoranthene	23.046	252	45459m	0.100	ng		
39) Benzo(a)pyrene	23.604	252	33437	0.092	ng		95
40) Dibenzo(a,h)anthracene	26.127	278	32121	0.086	ng	#	88
41) Benzo(g,h,i)perylene	26.836	276	35059	0.090	ng		99

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

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