Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080321\
Data File : BN015775.D
Acq On : 03 Aug 2021 19:06
Operator : CG/JU
Sample : M2940-01
Misc : LOD-MDL-SOIL-0.2ng
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

Manual Integrations APPROVED
mohammad
8/4/2021 3:46:34 PM

Quant Time: Aug 04 02:15:19 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	35439	0.400	ng		0.00
7) Naphthalene-d8	10.571	136	158394	0.400	ng		0.00
13) Acenaphthene-d10	14.408	164	82017	0.400	ng		0.00
19) Phenanthrene-d10	17.163	188	156251	0.400	ng		0.00
29) Chrysene-d12	21.365	240	138509	0.400	ng		0.00
35) Perylene-d12	23.710	264	136965	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.392	112	28056	0.324	ng		0.00
5) Phenol-d6	6.951	99	32620	0.312	ng		0.00
8) Nitrobenzene-d5	8.936	82	26950	0.265	ng		0.01
11) 2-Methylnaphthalene-d10	12.163	152	97740	0.411	ng		0.00
14) 2,4,6-Tribromophenol	15.905	330	7630	0.257	ng		0.00
15) 2-Fluorobiphenyl	13.038	172	96205	0.294	ng		0.00
27) Fluoranthene-d10	19.207	212	162158	0.399	ng		0.00
31) Terphenyl-d14	19.812	244	103022	0.301	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.355	88	2001	0.174	ng		99
3) n-Nitrosodimethylamine	3.723	42	4333	0.184	ng		98
6) bis(2-Chloroethyl)ether	7.218	93	22103	0.233	ng		99
9) Naphthalene	10.622	128	90772	0.219	ng		100
10) Hexachlorobutadiene	10.913	225	15531	0.214	ng	#	100
12) 2-Methylnaphthalene	12.234	142	59633	0.223	ng		99
16) Acenaphthylene	14.129	152	64797	0.192	ng		100
17) Acenaphthene	14.472	154	48894	0.207	ng		100
18) Fluorene	15.461	166	58466	0.207	ng		100
20) 4,6-Dinitro-2-methylph...	15.550	198	808	0.085	ng	#	80
21) 4-Bromophenyl-phenylether	16.360	248	18045	0.197	ng		98
22) Hexachlorobenzene	16.470	284	22040	0.209	ng		100
23) Atrazine	16.628	200	10788	0.191	ng		97
24) Pentachlorophenol	16.811	266	5600	0.172	ng		100
25) Phenanthrene	17.200	178	96145	0.207	ng		99
26) Anthracene	17.297	178	77645	0.199	ng		100
28) Fluoranthene	19.232	202	100329	0.207	ng		100
30) Pyrene	19.599	202	97011	0.210	ng		100
32) Benzo(a)anthracene	21.355	228	85593	0.202	ng		100
33) Chrysene	21.408	228	95861	0.209	ng		100
34) Bis(2-ethylhexyl)phtha...	21.302	149	27907	0.164	ng		100
36) Indeno(1,2,3-cd)pyrene	26.106	276	96239	0.198	ng		97
37) Benzo(b)fluoranthene	23.002	252	96052	0.202	ng		99
38) Benzo(k)fluoranthene	23.046	252	106490m	0.216	ng		
39) Benzo(a)pyrene	23.604	252	80141	0.203	ng		99
40) Dibenzo(a,h)anthracene	26.127	278	79041	0.195	ng	#	91
41) Benzo(g,h,i)perylene	26.839	276	83462	0.197	ng		99

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

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