Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073121\
Data File : BN015747.D
Acq On : 31 Jul 2021 23:32
Operator : CG/JU
Sample : M2940-01
Misc : LOD-MDL-SOIL-0.2ng
ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Aug 02 04:30:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN073021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 04:24:05 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.790	152	37146	0.400	ng		0.00
7) Naphthalene-d8	10.571	136	166878	0.400	ng		0.00
13) Acenaphthene-d10	14.421	164	87355	0.400	ng		0.00
19) Phenanthrene-d10	17.163	188	162877	0.400	ng		0.00
29) Chrysene-d12	21.376	240	150589	0.400	ng	#	0.00
35) Perylene-d12	23.713	264	148851	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.383	112	32721	0.328	ng		0.00
5) Phenol-d6	6.951	99	37814	0.313	ng		0.00
8) Nitrobenzene-d5	8.936	82	29940	0.286	ng		0.00
11) 2-Methylnaphthalene-d10	12.163	152	101729	0.405	ng		0.00
14) 2,4,6-Tribromophenol	15.905	330	9401	0.249	ng		-0.01
15) 2-Fluorobiphenyl	13.038	172	104923	0.314	ng		-0.01
27) Fluoranthene-d10	19.207	212	165847	0.386	ng		0.00
31) Terphenyl-d14	19.812	244	111659	0.305	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.354	88	2895	0.227	ng	#	92
3) n-Nitrosodimethylamine	3.723	42	4054	0.164	ng		99
6) bis(2-Chloroethyl)ether	7.218	93	20979	0.212	ng		100
9) Naphthalene	10.622	128	87282	0.201	ng		100
10) Hexachlorobutadiene	10.913	225	14996	0.196	ng	#	100
12) 2-Methylnaphthalene	12.238	142	56718	0.201	ng		99
16) Acenaphthylene	14.129	152	62769	0.164	ng		100
17) Acenaphthene	14.484	154	46464	0.186	ng		99
18) Fluorene	15.474	166	54930	0.180	ng		99
20) 4,6-Dinitro-2-methylph...	15.550	198	1043	0.083	ng	#	79
21) 4-Bromophenyl-phenylether	16.360	248	17249	0.181	ng	#	71
22) Hexachlorobenzene	16.482	284	20578	0.196	ng		99
23) Atrazine	16.640	200	12506	0.172	ng		98
24) Pentachlorophenol	16.823	266	8761	0.222	ng		100
25) Phenanthrene	17.212	178	88237	0.189	ng		100
26) Anthracene	17.297	178	72309	0.172	ng		100
28) Fluoranthene	19.236	202	92562	0.186	ng		100
30) Pyrene	19.599	202	89583	0.178	ng		100
32) Benzo(a)anthracene	21.355	228	79622	0.166	ng		99
33) Chrysene	21.408	228	91361	0.187	ng		98
34) Bis(2-ethylhexyl)phtha...	21.301	149	27130	0.106	ng		99
36) Indeno(1,2,3-cd)pyrene	26.113	276	97817	0.183	ng		100
37) Benzo(b)fluoranthene	23.002	252	89698	0.187	ng		99
38) Benzo(k)fluoranthene	23.049	252	99904	0.194	ng		99
39) Benzo(a)pyrene	23.607	252	77155	0.176	ng		99
40) Dibenzo(a,h)anthracene	26.133	278	82417	0.182	ng		98
41) Benzo(g,h,i)perylene	26.842	276	84515	0.181	ng		100

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

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